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VIA E-MAIL

FROM: /s/
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DATE: September 5, 2003

SUBJECT: DEFENSE AND STATE MEMORANDUM OF AGREEMENT/
COOPERATIVE AGREEMENT (DSMOA/CA) SEMIANNUAL PERFORMANCE
REPORT - CONTRACT NO. 02-T2416

The State Water Resources Control Board's (SWRCB) Semiannual Performance Report for the January 1 through June 30, 2003, reporting period is complete. The reporting format follows the CA Process Guide. Please note that each Two-Year Joint CA Execution Plan Status for SWRCB lead facilities is included in the Attachments. We have indicated that Two-Year Joint CA Execution Plan Status for Department of Toxic Substance Control (DTSC) lead facilities is to be found in the DTSC Semiannual Performance Report.

Please note that all Department of the Navy (DON) facilities have been removed from this report since those facilities were removed from the DSMOA and placed in the DON's Cost Recovery Program, effective March 1, 2003.

At the request of Headquarters, United States Army Corps of Engineers (HQUSACE), we are providing a separate compilation of each site's Success Stories, extracted from the Semiannual Performance Report.

The Semiannual Performance Report, Attachments, and Success Stories, in PDF format, are transmitted to you electronically. If you have any questions concerning this electronic transmittal, please call me at (916) 341-5780 or Kitty Hightower at (916) 341-5730.

cc: Rick Moss, DTSC
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**STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS
DEPARTMENT OF DEFENSE (DOD) PROGRAM**

SEMIANNUAL REPORT

January 1 – June 30, 2003

per

Contract Number 02-T2416

between the

Department of Toxic Substances Control

and the

State Water Resources Control Board

Table of Contents

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD	1
POINT ARENA, (AIR FORCE/DERA) – PCA NO. 16602	1
SONOMA COUNTY AIRPORT (SANTA ROSA AA), (FUDS/DERA) – PCA NO. 16911	1
SANTA ROSA NAVAUXAIRSTA, (FUDS/DERA) - PCA NO. 16912.....	1
REQUA AIR FORCE STATION, (FUDS/DERA) – PCA NO. 16913	2
EUREKA-HUMBOLDT COUNTY AIRPORT (ARCATA NAVAL AIR STATION), (FUDS/DERA) – PCA NO. 16914.....	2
SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD.....	3
HAMILTON ARMY AIRFIELD – GSA PHASE II, ANTENNA FIELD, (INCLUDES LANDFILL #26) (FUDS/DERA) – PCA NO. 16604	3
HAYWARD AIR NATIONAL GUARD (HANG), (AIR FORCE/DERA) – PCA NO. 16613	3
TRAVIS AIR FORCE BASE, (AIR FORCE/DERA) – PCA NO. 16619.....	4
ONIZUKA AIR FORCE STATION, (AIR FORCE/BRAC IV) – PCA NO. 16620	4
POINT OZOL, (DLA/DERA) – PCA NO. 16621	4
HAMILTON ARMY AIRFIELD, (ARMY/BRAC I&II) – PCA NO. 16635	5
DUBLIN ECS 30 (PARKS), (ARMY/DERA) – PCA NO. 16917.....	6
MOUNTAIN VIEW JONES HALL USAR, (ARMY/DERA) – PCA NO. 16918	6
OAKLAND ARMY BASE, (ARMY/BRAC IV) - PCA NO. 16921	6
HAYWARD ARMY AIRFIELD, (FUDS/DERA) – PCA NO. 16924	7
GOLDEN GATE NATIONAL RECREATION AREA , (FUDS/DERA) – PCA NO. 16925	7
CAMP STONEMAN, (FUDS/DERA) – PCA NO. 16926	8
ALMADEN AIR FORCE STATION, (FUDS/DERA) – PCA NO. 16927.....	8
BENICIA ARSENAL, (FUDS/DERA) – PCA NO. 16944.....	8
FORT BARRY, (FUDS/DERA) – PCA NO. 16974	9
FORT McDOWELL, (FUDS/DERA) – PCA NO. 16975.....	9
NIKE BATTERY 91, ANGEL ISLAND, (FUDS/DERA) – PCA NO. 16976	10
HAMILTON ARMY AIRFIELD - GSA PHASE II (INCLUDES LANDFILL #26), (FUDS/DERA) – PCA NO. 16977	10
CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD	11
FORMER FT. ORD ARMY BASE/PRESIDIO OF MONTEREY ANNEX, (ARMY BRAC I/II) - PCA NO. 16622.....	11
PRESIDIO OF MONTEREY, (ARMY/DERA) - PCA NO. 16623	11
FORT HUNTER LIGGETT, (ARMY/DERA) - PCA NO. 16624	12
VANDENBERG AFB (AIR FORCE/DERA) - PCA NO. 16626	12
LOMPOC BRANCH U.S. DISCIPLINARY BARRACKS, (ARMY BRAC IV) - PCA NO. 16930	12
CAMP ROBERTS, (ARMY/DERA) - PCA NO. 16931	13
MONTEREY PENINSULA AIRPORT DISTRICT, (FUDS/DERA) - PCA NO. 16939	13
LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD.....	14
DFSP SAN PEDRO – PCA NO. 16637	14
DFSP NORWALK, (DESC/DERA) – PCA NO. 16638	14
OXNARD AIR FORCE BASE (CAMARILLO), (FUDS/DERS) – PCA NO. 16943	15
NIRF UNDERSEA CENTER, (FUDS/DERA) - PCA NO. 16945	15
CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD.....	16
RIVERBANK AAP, (ARMY/DERA) - PCA NO. 16639	16
SACRAMENTO ARMY DEPOT, (ARMY/BRAC I&II) - PCA NO. 16640	16
SHARPE DDRW, (DLA/DERA) – PCA NO. 16641	17
MATHER AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16647	18
MCCLELLAN AIR FORCE BASE, (AIR FORCE/BRAC IV) - PCA NO. 16648	19

CASTLE AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16649	19
BEALE AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16650	20
TRACY DDRW, (DLA/DERA) – PCA NO. 16651	21
DAVIS TRANSMITTER, (AIR FORCE/BRAC IV) - PCA NO. 16652	21
TITAN MISSILE SITE 1-A, (LINCOLN), (FUDS/DERA) – PCA NO. 16951	22
OLD HAMMER FIELD, (FUDS/DERA) – PCA NO. 16953	22
TITAN MISSILE SITE 1-C, (CHICO), (FUDS/DERA) – PCA NO. 16954	23
TITAN MISSILE SITE 1-B, (SUTTER BUTTES), (FUDS/DERA) – PCA NO. 16955	23
DQ UNIVERSITY, (FUDS/DERA) – PCA NO. 16959	24
EAGLE FIELD (FUDS/DERA) – PCA NO. 16978	24
LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD	25
SIERRA ARMY DEPOT, (ARMY/DERA) - PCA NO. 16655	25
FORT IRWIN NATIONAL TRAINING CENTER, (ARMY/DERA) - PCA NO. 16656	26
EDWARDS AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16660	26
GEORGE AIR FORCE BASE (AIR FORCE/BRAC I&II) - PCA NO. 16661	27
AIR FORCE PLANT #42, (AIR FORCE/DERA) - PCA NO. 16662	27
BARSTOW-DAGGETT AIRPORT, (FUDS/DERA) - PCA NO. 16961	28
SIERRA ARMY DEPOT– HONEY LAKE PARCEL, (BRAC IV) - PCA CODE NO. 16963	29
SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD	30
NORTON AFB, (AIR FORCE/BRAC I&II) - PCA NO. 16671	30
MARCH AFBCA, (AIR FORCE/BRAC III) - PCA NO. 16672	30
JOINT FORCES TRAINING BASE, LOS ALAMITOS (FORMERLY ARMED FORCES RESERVE CENTER), (AIR FORCE/DERA) - PCA NO. 16982	31
CAMP ANZA, (FUDS/DERA) - PCA NO. 16983	31
MARCH ARB, (AIR FORCE/DERA) - PCA NO. 16985	32
SEMIANNUAL REPORT – NON-SITE ACTIVITIES	33
STATE WATER RESOURCES CONTROL BOARD:	33
<i>Division of Water Quality:</i>	33
<i>Office of the Chief Counsel:</i>	35
<i>Division of Administrative Services:</i>	35
REGIONAL WATER QUALITY CONTROL BOARDS:	35
<i>Program Management and Administration - PCA NO. 16901</i>	35
STATE WATER BOARD AND REGIONAL WATER QUALITY CONTROL BOARDS:	36
<i>Clerical Support - PCA NO. 16905</i>	36

**NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(January 1 – June 30, 2003)**

POINT ARENA, (AIR FORCE/DERA) – PCA NO. 16602

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Air Force continues to implement monitoring of groundwater elevations and operation of the interim remedial system of separate phase petroleum recovery from groundwater monitoring wells. A copy of the closure report with the excavation and sampling details was submitted and was reviewed by DTSC.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

SONOMA COUNTY AIRPORT (SANTA ROSA AA), (FUDS/DERA) – PCA NO. 16911

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

Ensuring compliance is an issue because of funding shortfalls in the USACE’s budget.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

SANTA ROSA NAVAUXAIRSTA, (FUDS/DERA) - PCA NO. 16912

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan but is proceeding faster than it normally has in the past. A Site Investigative Summary Report and

Field Sampling Plan was submitted, reviewed and approved. Community meetings and fact sheet generation and dispersal are ongoing.

Challenges:

Ensuring compliance is an issue because of funding shortfalls in the USACE's budget.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

REQUA AIR FORCE STATION, (FUDS/DERA) – PCA NO. 16913

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The site is located within federally recognized Yurok Tribe reservation land but is managed by the National Park Service. The Yurok Tribe will be assigned as the lead agency. Tank removal has been completed. The Report of Findings indicates two sites need follow-up subsurface investigation.

Challenges:

Ensuring compliance is an issue because of funding shortfalls in the USACE's budget.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

**EUREKA-HUMBOLDT COUNTY AIRPORT (ARCATA NAVAL AIR STATION),
(FUDS/DERA) – PCA NO. 16914**

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

Ensuring compliance is an issue because of funding shortfalls in the USACE's budget.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

**SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(January 1 – June 30, 2003)**

**HAMILTON ARMY AIRFIELD – GSA PHASE II, ANTENNA FIELD, (INCLUDES
LANDFILL #26) (FUDS/DERA) – PCA NO. 16604**

Progress:

North Antenna Field: The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The USACE has delayed delivery of the Ecological Risk Assessment until December 2003. A revised schedule of deliverables was submitted at the most recent RAB meeting. There has been little activity and no BCT meetings.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

HAYWARD AIR NATIONAL GUARD (HANG), (AIR FORCE/DERA) – PCA NO. 16613

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. In April 2003, The Air National Guard completed Field Tasks 3A(groundwater and soil sampling) and 3B (contamination characterization of soils and groundwater), as components of the Site Investigation Addendum.

Challenges:

The main challenge is making timely progress at all the sites undergoing regulatory oversight for environmental remediation. Regional Board staff is still awaiting appropriate action and consultation from the base on the topic of the Stormwater Pollution Prevention Plan.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

TRAVIS AIR FORCE BASE, (AIR FORCE/DERA) – PCA NO. 16619

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan. Soil removal is ongoing or complete at four WABOU sites per the final Record of Decision signed in January 2003. Construction of the Phase I CAMU was completed and soil will be placed there from the soil excavation sites.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

The Final ROD was signed in January 2003. Seventeen USTs were closed throughout the base.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

ONIZUKA AIR FORCE STATION, (AIR FORCE/BRAC IV) – PCA NO. 16620

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

POINT OZOL, (DLA/DERA) – PCA NO. 16621

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. Biannual Site Monitoring and Sampling Reports and quarterly NPDES reports have been received and reviewed. Current plans call for the implementation of a Remedial Investigation Workplan that is designed to further investigate the Administration Area of the lower part of the facility.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

HAMILTON ARMY AIRFIELD, (ARMY/BRAC I&II) – PCA NO. 16635**Progress:**

Regional Board staff, DTSC, and the Army continue to work intensively on Early Transfer documentation. The ROD/RAP and the Coastal Salt Marsh FFS were completed. The State completed its CEQA compliance in the writing of a Supplemental Environmental Impact Report. Public meetings on these documents occurred. The State continues to work on the assurance documents that will be submitted with the Final FOSET, which has been commented on but is not in final form. Many issues have been resolved. A Tentative Board Order has been drafted and the language negotiated with the Army, where possible. The order will provide part of the assurances required by the Governor that the remediation at this parcel will be completed post-transfer. The Regional Board's hearing on this order will occur on August 20. Early transfer is on track for September 30, 2003.

The Army completed its FOST for POL Hill and transfer is tied to a portion of the Main Airfield (14 acres of levees) going to the City of Novato. Regional Board staff has focused almost exclusively on the early transfer for the Main Airfield parcel and documents regarding monitoring, corrective action, etc., for POL Hill, have been deferred. Regional Board staff has advised the Army that completion of the review and commenting should not hold up the transfer to the city. Regional Board staff did review the FOST and provided comments regarding additions needed to address a portion of POL Hill that lies within the Landfill 26 buffer zone but is not currently scheduled for transfer.

Challenges:

Coordination of the many steps involved in the Early Transfer of the Airfield Parcel have required an extensive amount of time and effort.

Success Stories:

Agreements have been reached to support the Army's desire for Early Transfer of the Main Airfield Parcel and to support the Hamilton Wetlands Restoration Project's interest in moving forward on the wetlands development.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

DUBLIN ECS 30 (PARKS), (ARMY/DERA) – PCA NO. 16917

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

MOUNTAIN VIEW JONES HALL USAR, (ARMY/DERA) – PCA NO. 16918

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. No work was performed during the reporting period. Regional Board staff needs to evaluate the information to make a determination of the source of groundwater pollution detected on the site.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

OAKLAND ARMY BASE, (ARMY/BRAC IV) - PCA NO. 16921

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The transfer of the base is proposed under the provisions of an "Early Transfer". The Oakland Base Reuse Authority (OBRA) will acquire Oakland Army Base (OArB) under an Economic Development Conveyance. The State agencies and the Army worked together and finalized the Memorandum of Agreement (MOA) and the Finding of Suitability for Early Transfer (FOSET). The MOA was signed during April 2003. On May 22, 2003, a briefing on the Early Transfer was held at the Governor's Office.

Challenges:

The Army and the regulatory agencies, notably DTSC, are waiting for the Governor's approval of the Early Transfer.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

HAYWARD ARMY AIRFIELD, (FUDS/DERA) – PCA NO. 16924

Progress:

No work activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

GOLDEN GATE NATIONAL RECREATION AREA, (FUDS/DERA) – PCA NO. 16925

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Regional Board staff moderated an interagency meeting to discuss the Phase II Municipal Stormwater Permit.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

CAMP STONEMAN, (FUDS/DERA) – PCA NO. 16926

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

ALMADEN AIR FORCE STATION, (FUDS/DERA) – PCA NO. 16927

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. FUDS activities at this site are on hold.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

BENICIA ARSENAL, (FUDS/DERA) – PCA NO. 16944

Progress

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Regional Board staff provided written comments on the Revised Final Area I Fuel Only Facilities Technical Memorandum Response to Comments and the Draft Building 50 Series Complex Site Investigation. Regional Board staff also provided a letter to the Army requesting information and a schedule for cleanup of the offshore areas of the former Benicia Arsenal.

Challenges

Regional Board staff invested significant time and effort in a series of meetings to plan the dynamic workplan for the additional Building 50 Series Complex Investigation using the EPA Triad approach. This work is now delayed due to a change in the Army’s approach for Area I.

Details of this change and a new schedule have not been provided to the Regional Board. A response has not been received on staff's request for submission of a schedule for the offshore areas investigation.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FORT BARRY, (FUDS/DERA) – PCA NO. 16974

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FORT McDOWELL, (FUDS/DERA) – PCA NO. 16975

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Regional Board staff provided comments on the Draft Final Site Investigation. Regional Board staff provided comments on the Site Inspection Report and the Human Health and Ecological Risk Screening Assessment. Both components were generated as a synthesis from the field work conducted in late Spring 2002.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

NIKE BATTERY 91, ANGEL ISLAND, (FUDS/DERA) – PCA NO. 16976

Progress:

No activities were performed at this site during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

**HAMILTON ARMY AIRFIELD - GSA PHASE II (INCLUDES LANDFILL #26),
(FUDS/DERA) – PCA NO. 16977**

Progress:

The 800-B and Ammo Hill Parcels (GSA Phase II) -Landfill 26: – The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The USACE completed construction of a passive buffer trench located along the southern perimeter of Landfill 26. The buffer trench is approximately 1,600 feet long and isolates the landfill from an adjacent residential development.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

**CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(January 1 – June 30, 2003)**

FORMER FT. ORD ARMY BASE/PRESIDIO OF MONTEREY ANNEX, (ARMY BRAC I/II) - PCA NO. 16622

Progress:

The restoration program is behind schedule with two water-related issues in the Two-Year Joint CA Execution Plan. The source area and cause of the carbon tetrachloride groundwater plume has been tentatively identified. Final confirmation is being conducted through groundwater and soil gas testing.

Challenges:

For the first time, TCE has been consistently detected in Fort Ord Municipal Supply Well No. 29. All detections have been below one ppb and the Maximum Contaminant Level is five ppb. A significant public education effort is in progress.

Success Stories:

The Track 0 Finding of Suitability to Transfer will pass title for 1,234 acres of former Army land containing 1,184 buildings and structures. This is the former Fort Ord's most complicated land transfer to-date.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

PRESIDIO OF MONTEREY, (ARMY/DERA) - PCA NO. 16623

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. Long-term maintenance for the closed landfill is on schedule.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

FORT HUNTER LIGGETT, (ARMY/DERA) - PCA NO. 16624

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

VANDENBERG AFB (AIR FORCE/DERA) - PCA NO. 16626

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

The latest Performance Monitoring Report for the Site 20 Source Reduction System shows the system has removed an estimated 8,434 pounds of hydrocarbons in the vapor phase and 70 pounds of hydrocarbons from the groundwater phase since becoming operational in August 1998. Based on incoming and outgoing groundwater data at the Site 60 Permeable Reactive Barrier System, MTBE concentrations in groundwater have been generally reduced more than 90 percent (i.e., maximum average incoming MTBE concentration of 94 ppb and maximum average outgoing concentration of 5 ppb). In addition, two underground storage tank sites and eight areas of concern have been closed.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

LOMPOC BRANCH U.S. DISCIPLINARY BARRACKS, (ARMY BRAC IV) - PCA NO. 16930

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan, except for the delayed Draft Risk Assessments for the Farm Fuel Area, Washrack Area, Wood Dump/Landfill, and Scaring Area.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

CAMP ROBERTS, (ARMY/DERA) - PCA NO. 16931

Progress:

The restoration program is behind the schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

The Army National Guard has been successful in obtaining the additional funding to complete the removal action for the lead-contaminated waste in a tributary to the Nacimiento River. The area of waste is much larger than originally estimated and disposal costs were extremely high.

Execution Plan Status:

See attachments to this report.

MONTEREY PENINSULA AIRPORT DISTRICT, (FUDS/DERA) - PCA NO. 16939

Progress:

The overall restoration program is ahead of schedule with the Two-Year Joint CA Execution Plan.

Challenges:

None.

Success Stories:

Operational testing of a TCE groundwater cleanup system began at the Casanova Oak Knoll's Neighborhood Park in May. The Airport District and the Federal Government, co-defendants in a private party civil lawsuit, recently announced an out-of-Court settlement. Continuation of the lawsuit could have caused significant site cleanup delays.

Execution Plan Status:

See attachments to this report.

**LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(January 1 – June 30, 2003)**

DFSP SAN PEDRO – PCA NO. 16637

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. Various fuels have been detected as adsorbed phase, dissolved phase, and free-product in the Administration Area. The military is in the process of evaluating various technologies to remediate the soil and groundwater contamination identified. Free-product recovery in the North Pump House Area is ongoing.

Challenges:

DFSP proposed a modification to the ongoing groundwater remediation system to allow the injection of treated groundwater into the shallow aquifer underlying the Pump House Area. The Regional Board issued a WDR Permit for the proposed recharge on March 17. Actual injection was delayed due to a transition of contractors.

Success Stories:

None.

Execution Plan Status:

See attachment to this report.

DFSP NORWALK, (DESC/DERA) – PCA NO. 16638

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. All current remediation activities are ongoing. Additional remediation system expansion activities were completed in April 2003 in order to enhance the cleanup systems at the site. The Long-Term Monitoring Program is in place and continues to be implemented for the entire site.

Challenges:

None.

Success Stories:

The Vapor Extraction System (VES) and the free-product recovery/groundwater treatment (FPR/GWT) system have removed a total of 140,031 gallons of hydrocarbons since the start of the operations. An estimated 113,629 gallons of hydrocarbons have been destroyed due to enhanced biodegradation resulting in a total estimated 253,660 gallons of hydrocarbons recovered or destroyed to date at the subject site.

Execution Plan Status:

See attachments to this report.

OXNARD AIR FORCE BASE (CAMARILLO), (FUDS/DERS) – PCA NO. 16943**Progress:**

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan, but with a slow pace. The site is low priority because it is not considered a high risk to water quality or human health. The assessment of the former landfill is continuing with completion of the GoreSorber soil gas screening survey, installation of a down gradient (guard) well, and monitoring of all groundwater monitoring wells. Contamination of the aquifer, by the abandoned landfill, has occurred. Chlorinated solvent breakdown products are present, indicating natural degradation of contaminants.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

NIRF UNDERSEA CENTER, (FUDS/DERA) - PCA NO. 16945**Progress:**

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Only vinyl chloride is present above MCLs and it is found in only one well. No restoration work was performed at this facility during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

**CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(January 1 – June 30, 2003)**

RIVERBANK AAP, (ARMY/DERA) - PCA NO. 16639

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The Application/Report of Waste Discharge (RWD) for preparation of a Waste Discharge Order for the In-Situ Redox Manipulation (ISRM) Pilot Study at MW17 and MW21 was submitted to the Regional Board in April 2003. Groundwater and stream water quality monitoring for the Evaporation/Percolation ponds evaluation is ongoing.

An RPM meeting, attended by the Regional Board and the Army, provided a tour of the facility's groundwater treatment facility. The Army's contractor Norris Industries, informed Regional Board staff of preliminary plans to modify the Industrial Waste Treatment System to accept non-hazardous waste from sources external to the facility. Regional Board staff requested the submission of a workplan for this proposal.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

SACRAMENTO ARMY DEPOT, (ARMY/BRAC I&II) - PCA NO. 16640

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The *Final South Post Plume Capture Evaluation* and *Conceptual Site Model South Post TCE Groundwater Plume* Reports were submitted and reviewed. The Army submitted four land use covenants (South Post Groundwater, Parcel 2B Land Use, Corrective Action Management Unit, and Lead-Based Paint) to the State (Regional Board and DTSC) for signature. A rebound analysis for the recently shut-down Parking Lot 3 extraction wells was performed. A Revised Interim Remedial Action Report was submitted to document the progress of cleanup activities at the site.

The Army is requesting Construction Complete status for the Groundwater Remediation System. On 12 June 2003, the Army hosted a South Post groundwater TCE plume fate and transport discussion to obtain agency feedback on the impending modeling effort. The discussion was attended by the Regional Board and the DTSC.

During the 12 June 2003 meeting, the Army informed the State that TCE was detected in MW50, a Parking Lot 3 monitoring well, in concentrations that exceeded water quality objectives. The TCE indicates that rebound is occurring in the groundwater beneath Parking Lot 3 since the extraction system was shut down approximately one year ago. The State and Army concurred on a preliminary approach for fate and transport modeling of the South Post TCE Plume. In order to evaluate the rebound detections, the BRAC team formulated a plan to extract and sample approximately 5,000 gallons of groundwater from MW50. The extraction was performed on 27 June 2003.

Challenges:

Signing the covenants. The Regional Board and DTSC submitted comments to the documents requesting editorial changes to the text and revisions to a figure attached to the South Post Groundwater Covenant.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

SHARPE DDRW, (DLA/DERA) – PCA NO. 16641

Progress:

The restoration program is slightly behind schedule with the Two-Year Joint CA Execution Plan. DDJC-Sharpe's NPDES permit renewal for their treated groundwater was adopted in January 2003.

Challenges:

The new NPDES permit requires several surface water quality studies. DDJC-Sharpe has decided to switch to land discharge to avoid future treatment of naturally-occurring inorganics in their treated groundwater and has opted not to perform these required studies. DDJC-Sharpe needs to construct the new percolation ponds before the studies are due in order to stay in compliance with their permit.

Success Stories:

The Draft Five-Year Review Report was issued in March 2003. This is the initial Five-Year Review for the Depot. DDJC-Sharpe received concurrence from the regulatory team that

construction of the remedy is complete, although optimization is still needed to improve plume containment.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

MATHER AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16647

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Air Force submitted a report evaluating control of the western margin of the Main Base/SAC plume, including a cost/benefit analysis, that shows installation of an intercept extraction well(s) is an optimal alternative to management of increased off-base supply well pumping. Aquifer testing was completed in January as part of the Main Base/SAC plume Phase IV prove-out to evaluate aquifer characteristics at several key extraction well locations. Soil vapor extraction (SVE) closure activities continue at the Main Base/SAC Plume source areas. Some systems have been turned off with cycling to enhance contaminant removal at remaining hot spot areas. A number of rebound samples were collected in June. Dual phase extraction continues to successfully enhance VOC soil gas and groundwater mass removal at Site 57. The SVE Cat-ion Oxidation System is no longer needed because of low level VOCs at Site 59, and was provided to Castle AFB for its use. A horizontal SVE well was installed at Site 7 to accelerate remediation of elevated hydrocarbons persisting in the vadose zone above a perched groundwater zone. Gravel mining in the Site 7 area was completed, but the groundwater treatment system was shut down and down-gradient extraction well piping was removed for an unknown time period to allow re-routing of Morrison Creek.

Challenges:

Lack of resolution of institutional control issues now raised under the formal dispute process continues to delay signing of the 2001 OU6 ROD. Water Supply Contingency Plan issues remained in Level 3 Alternate Dispute Resolution (ADR) negotiations focused on resolving the significant issue of achieving Main Base/SAC plume control and setting a trigger to require alternative water supply replacement for impacted water supplies.

Success Stories:

The Passive Diffusion Bag groundwater sampling technology was evaluated and a strategy was approved for using this sampling method, in conjunction with standard micropurge sampling method, to monitor for VOCs in selected and newly-installed wells. As a result, a significant cost savings in the groundwater monitoring program was realized.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

MCCLELLAN AIR FORCE BASE, (AIR FORCE/BRAC IV) - PCA NO. 16648

Progress:

The overall restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The program schedule was revised during the Annual Funding Review Process. The Draft Final Initial Parcel Feasibility Study (IP FS) is currently in review. The Final IP FS, Proposed Plan, and ROD will support the upcoming IP FOSET. Progress was also made on the following:

- Completion of the Final Time-Critical Removal Action Workplan for Hexavalent Chromium.
- Successful completion of a slipstream treatment system for treatment of hexavalent chromium in groundwater to comply with surface water discharge limits and resumption of operation of the extraction well field to full capacity. Prove-out of the treatment system will take six months.
- Completion of the Groundwater OU Phase III Data Gaps effort is on schedule. The Data Gaps effort is necessary to support completion of the Groundwater OU Phase III design and construction, which has been identified as the cleanup program's highest priority.

Challenges:

- Securing adequate funding from DoD to complete the highest priority projects on schedule.
- Completion of the Initial Parcel Feasibility Study (IP FS), Proposed Plan, and Record of Decision (ROD) on schedule.

Success Stories:

Completion of Final No Action Record of Decision for Soil at six sites.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

CASTLE AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16649

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Draft OPS Report was submitted and comments issued. The Draft Final Five-Year Review was submitted and reviewed. The Draft Landfill ROD was submitted. Reports for the closure of seven (7) sites were reviewed.

Challenges:

The Air Force informed the regulatory agencies of the possibility that radioactive waste was disposed of somewhere within the former Weapons Storage Area (WSA). The WSA was transferred to the Bureau of Prisons and a facility has been constructed over part the WSA.

Current disagreements between the Air Force, EPA and DTSC regarding Land Use Covenants (LUCs) will need to be resolved to finalize the Landfill ROD.

Current disagreements between the Air Force and EPA regarding the Operating Properly and Successfully Report will need to be resolved prior to completion of transfer of remaining Air Force property to the county.

Success Stories:

The Source Control Operable Unit (SCOU) Record of Decision -Part 2 has been finalized. The Final Comprehensive Base-wide Remedial Investigation/Feasibility-Part 2 has been finalized.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

BEALE AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16650

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. The Remedial Investigation Report and Feasibility Study for Sites 10 and 13 were finalized. The Regional Board and the Air Force developed an approach (Consensus Agreement) for determining the technical and economic feasibility for continuing operation of a groundwater remediation system at Site 13. The approach will assure that the Air Force will evaluate lower cleanup levels (lower than the MCL for TCE) than will be stated in the upcoming Record of Decision for Site 13. The Consensus Agreement is a commitment by the Air Force to continue groundwater cleanup activities if an analysis (described in the Consensus Agreement) determines that lower cleanup levels are technically and economically achievable.

The Regional Board participated in eight formal meetings with the Remedial Project Managers over various topics. These meetings focused on developing a Consensus Agreement for Site 13 and developing appropriate ARARs for the Sites 10 and 13 Draft ROD. Team members also started developing an additional Consensus Agreement which focuses on an approach for determining the technical and economic feasibility of continuing operation of an in-situ treatment/monitoring natural attenuation (MNA) system, which is planned for Site 10. The Consensus Agreement for in-situ treatment/MNA will include trigger language for implementing an active remedy at Site 10. Team members received additional partnering training, which allows the team to become self-facilitating.

Challenges:

The Air Force and regulatory agencies' Remedial Project Managers still face significant challenges with regard to completing the RODs for Sites 10 and 13. Challenges include developing agreement on State requirements (i.e., ARARs). Team members have developed Consensus Agreements on the technical approach for providing cleanup of Sites 10 and 13. Team members have also developed "agree to disagree" language, which acknowledges

disagreements on the applicability of several State requirements. Air Force legal staff have not acknowledged the applicability of several key ARARs for Sites 10 and 13, including State Board Resolution 92-49 and the Regional Board's Basin Plan.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

TRACY DDRW, (DLA/DERA) – PCA NO. 16651

Progress:

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. Long-term groundwater monitoring and extraction/treatment of groundwater is ongoing. SVE and bioventing operations that were initiated in early 2001 continued to operate without significant problems and are nearing completion.

Challenges:

The Draft Final ROD Amendment could not be finalized in 2002 due to the ongoing dispute between DoD and USEPA on institutional controls (ICs). This dispute has held up several key deliverables. In an attempt to finalize the ROD Amendment, the EPA proposed site-specific IC language in June 2003 that DDJC-Tracy and DLA are reviewing.

Success Stories:

Modifications to the overland flow disposal system and the injection galleries have provided more disposal capacity. The increased disposal capacity and the repair of the communication problems between the extraction network and the control system in late 2002 allowed DDJC-Tracy to pump-and-treat more groundwater in this reporting period than in previous ones.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

DAVIS TRANSMITTER, (AIR FORCE/BRAC IV) - PCA NO. 16652

Progress:

The overall restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The program schedule was revised during the Annual Funding Review Process. The ground water treatment system continued to operate properly.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

TITAN MISSILE SITE 1-A, (LINCOLN), (FUDS/DERA) – PCA NO. 16951

Progress:

The restoration program is significantly behind schedule with the Two-Year Joint CA Execution Plan. The USACE submitted a monitoring plan for providing groundwater monitoring of the VOC plume. No other significant activities were performed during the reporting period.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

OLD HAMMER FIELD, (FUDS/DERA) – PCA NO. 16953

Progress:

The overall restoration program is on schedule with the Two-Year Joint CA Execution Plan. A statistical analysis of four quarters of groundwater monitoring, using Permeable Diffusion Bags (PDBs), was submitted showing very good correlation with results from previously-used standard sampling methods. Monitoring well sampling using PDBs is now the accepted method for the site. The Draft Feasibility Study (FS) has been submitted and is being commented on. An FS amendment has added an additional alternative listed in the Challenges Section below.

Challenges:

Gaining an agreement with the Bakman Water Company to outfit two of its wells with Granular Activated Carbon and to tie these wells into the Fresno City water distribution system is critical in capturing/treating the downgradient portion of the TCE plume.

The lack of a long-term cost-sharing agreement between RPs is hindering efficient site cleanup.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

TITAN MISSILE SITE 1-C, (CHICO), (FUDS/DERA) – PCA NO. 16954

Progress:

The restoration program is still seriously behind schedule with the Two-Year Joint CA Execution Plan. No activities occurred during this reporting period. Lack of funding has stalled all work on this site.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

TITAN MISSILE SITE 1-B, (SUTTER BUTTES), (FUDS/DERA) – PCA NO. 16955

Progress:

The restoration program is significantly behind schedule with the Two-Year Joint CA Execution Plan. No activities occurred during this reporting period. A lack of funding has stalled all work on this site.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

DQ UNIVERSITY, (FUDS/DERA) – PCA NO. 16959

Progress:

The restoration program is significantly (approximately two years) behind schedule with the Two-Year Joint CA Execution Plan. No activities occurred during this reporting period. A lack of funding has stalled all work on this site.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

EAGLE FIELD (FUDS/DERA) – PCA NO. 16978

Progress:

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. SI fieldwork has been completed.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for Two-Year Joint Execution Plan that has “Status” annotated.

**LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(January 1 – June 30, 2003)**

SIERRA ARMY DEPOT, (ARMY/DERA) - PCA NO. 16655

Progress:

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. Regional Board staff attended the April RAB and May IRP meetings.

Review of the following workplan documents was provided by Regional Board staff:

- Draft Final In-Situ Soil Stabilization Pilot Study for the Old Popping Furnace
- Draft Final Follow-On In-Situ Enhanced Biodegradation Pilot Study Program
- Draft Building 210 Area Follow-On Zero-Valent Iron Pilot Study
- Draft Final Abandoned Landfill and Southern Sites Area Cluster Well Installation.

In April 2003, the pilot test for the zero-valent iron PRB hydraulic injection study was conducted. Fifty-three tons of zero-valent iron was injected 90-to-110 feet below ground surface creating a 75-foot wide, by 20-feet high, by 8-inch thick permeable reactive wall. Closely spaced monitoring wells were installed to evaluate the method's effectiveness.

Challenges:

The Building 210 TCE plume, above 1,000 ppb, is now greater than 3,500 feet long and extends beneath the Doyle Wildlife Area. Naturally-occurring manganese in the high TDS groundwater encrusts the treatment system's plumbing, making operation and maintenance too expensive for a long-term solution. Passive in-situ treatment methods, such as enhanced biodegradation and zero-valent iron PRBs, are being aggressively explored. The Southern Sites Area TCE plume still threatens the base's main drinking water supply wells. Contingency plans for new water supplies are being considered.

Success Stories:

The pilot study zero-valent iron PRB, installed at a depth of 90-110 feet by a new vendor (GeoSierra), appears to be a valid long-term cleanup strategy. Initial monitoring shows substantial reduction of TCE concentrations.

The Building 210 area groundwater pump-and-treat system plume extracted an average of 110,000 gallons daily from the TCE plume.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

FORT IRWIN NATIONAL TRAINING CENTER, (ARMY/DERA) - PCA NO. 16656

Progress:

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan (modified to reflect midyear changes). Progress continues at Sites FTIR-01 and FTIR-11 with groundwater monitoring well installation. One follow-up project meeting and two Installation Action Plan meetings were attended by Regional Board staff.

Regional Board staff reviewed the following documents:

- Draft Technical Memo for FTIR-01 Remediation Investigation
- FTIR-27 Workplan for Remedial Investigation
- Long-term groundwater monitoring reports for closed Landfills FTIR-02, 03, and 04
- Remedial/Investigation/Feasibility Study - FTIR-38 & 40.

Challenges:

Overcoming State budget issues and securing the resources to provide regulatory oversight.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" Annotated.

EDWARDS AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16660

Progress:

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. Seventy-eight sites are undergoing active site investigation or preliminary pilot scale testing for feasibility studies. Full-scale treatability studies for perchlorate are ongoing, with positive results – reducing the perchlorate concentration to non-detectable concentrations at the end of the treatment train. Edwards AFB is the only base nationwide to be funded for perchlorate remedial methods testing.

Challenges:

None.

Success Stories:

Remedial investigations and actions have been completed for OU-3, the Homestead Wells Investigation Area. Other treatment pilot projects involve treating solvent contaminated groundwater with sulfate and Fenton's Reagent.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" Annotated.

GEORGE AIR FORCE BASE (AIR FORCE/BRAC I&II) - PCA NO. 16661**Progress:**

The restoration program is on schedule with the Two-Year Joint CA Execution Plan. Additional soil vapor extraction wells were tied into the Site OT-51 SVE system. The OU-1 pump-and-treat system was shut down for a six-month period starting on March 10, 2003, to collect data for refining the "Hydrogeologic Conceptual Site Model." Free-product JP-4 was removed at the rate of about 1,300 gallon per month.

Field work was completed to: 1) install additional landfill monitoring wells, 2) install dieltrin investigation wells, and 3) decommission a number of monitoring wells, including the large abandoned exploratory oil well near Site OT-51.

Regional Board staff participated in: 1) two RPM meetings, 2) three conference calls regarding the dieltrin investigation, OU-1 extraction system shut-down, and the application of statistical methods to determine landfill releases, and 3) the review of numerous technical documents.

Challenges:

The Air Force remains in noncompliance with the OU-3 ROD regarding the Site OT-69 VOC plume. Regional Board staff is recommending that the Site OT-69 plumes, associated with the jet fuel plume, be moved into OU-2.

Success Stories:

Technology successes include: 1) free-product JP-4 jet fuel skimming, 2) clean closure of Site LF-35 to facilitate a new airport hanger (awaiting ROD amendment), 3) conversion of the Site OT-51 treatment system to a catalytic oxidation system, and 4) conversion of the SVE systems at Sites ST-54 and ST-57 from propane to natural gas.

Execution Plan Status:

See attachments to this report.

AIR FORCE PLANT #42, (AIR FORCE/DERA) - PCA NO. 16662**Progress:**

The restoration program is generally on schedule with the Two-Year Joint CA Execution Plan. UST closures, based on Draft Planning Documents for Closure Investigations and Closure Reports, Underground Storage Tank, Sump, and Clarifier Cases, are progressing. Groundwater monitoring at IRP Sites 29, 5, 18,19, and 23 continued. Regional Board staff attended a RAB meeting in May 2003 and reviewed and commented on the following documents:

- Final Site Closure Report for Area of Concern 1
- Closure Report for 58 Underground Storage Tanks, Sumps, and Clarifiers
- Final Planning Document, Underground Storage Tanks, Sumps, and Clarifiers
- RCRA Facility Assessment Addendum for Plant Sites 1 and 3
- Draft Final Remedial Investigation for Operable Units 1, 2, 3, 4, and 5
- Draft Planning Document Addendum for Additional Remedial Investigation at Sites 23 and 29
- Comments on the Request for Identification of Applicable or Relevant and Appropriate Requirements (ARARs) for the Feasibility Study Report
- Various stormwater issues – Lockheed.

Challenges:

None.

Success Stories:

Several significant documents were presented to the regulators, specifically the Draft Final Remedial Investigation (RI) for Operable Units 1, 2, 3, 4, and 5. The Draft RI included comments from regulatory agencies, as well as concerned citizens and staff of the Restoration Advisory Board.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has “Status” annotated.

BARSTOW-DAGGETT AIRPORT, (FUDS/DERA) - PCA NO. 16961

Progress:

The restoration program is behind of schedule with the Two-Year Joint CA Execution Plan. Investigation has begun at Waste Disposal Sites A and B. The Final Workplan – Phase 2 Investigation for these two sites has been submitted. Out of four former petroleum underground storage tanks, three are in final phases of closure investigation.

Regional Board staff reviewed and commented on the following documents:

- Draft Final Workplan for Phase 2 Investigation of UST Sites, FAA Bldg. UST 706-C2B Site, Gas Station UST 704-C6B Site, and Barracks East UST 723-C4J Site
- Draft Workplan for Phase 2 Investigation of UST Sites
- Closure Request for Radio Station
- Closure Request for the Fuel Depot UST 722-C5
- Closure Request for the East/West Barracks.

Based on the Regional Board's review of the Closure Request for the East/West Barracks Report, an additional investigation was requested and the U.S. Army Corps of Engineers (USACE) complied with this request and submitted an additional workplan.

Challenges:

Due to the State's reduction in staff hours, higher priority has been placed on review of petroleum UST closure request and investigation oversight. Regional Board staff has deferred review of the Phase 2 Investigation Workplan – Disposal Sites A and B, to DTSC.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

SIERRA ARMY DEPOT– HONEY LAKE PARCEL, (BRAC IV) - PCA CODE NO. 16963**Progress:**

The restoration program is behind schedule with the Two-Year Joint CA Execution Plan. The transfer of 62,090 acres of surface and lakebed to the State of California was aggressively scheduled for September 30, 2003. However, the investigation of the Non-Ordnance/Explosives portions of Honey Lake was delayed by wet weather conditions. The Environmental Assessment/ Findings of No Significant Impact for the transfer to the State Lands Commission was submitted on June 18, 2003. The Regional Board's initial review verified that the transfer would impart no water quality impacts to Honey Lake or Honey Lake Valley groundwater. Regional Board staff participated in the April RAB meeting.

Challenges:

Funding is limited to 20 staff hours for this fiscal year.

Success Stories:

The East shore parcel and the most-eastern portion of the Honey Lakebed was mapped and cleared for Non-Ordnance/Explosives.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

**SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD
DEPARTMENT OF DEFENSE (DoD) PROGRAM
SEMIANNUAL PERFORMANCE REPORT
(January 1 – June 30, 2003)**

NORTON AFB, (AIR FORCE/BRAC I&II) - PCA NO. 16671

Progress:

The Air Force is on schedule with the Two-Year Joint CA Execution Plan. The two pump-and-treat systems are in standby mode; remedial objectives have been achieved.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

MARCH AFBCA, (AIR FORCE/BRAC III) - PCA NO. 16672

Progress:

The Air Force is on schedule with the Two-Year Joint CA Execution Plan. The former gasoline station, Building 550, is and has been in corrective action of soil vapor extraction. Monitoring wells were installed to complete the definition of the groundwater contaminant plume. Contaminated groundwater extraction has commenced. Groundwater extraction is ongoing at the closed Site 4 Landfill, an OU-1 plume source site. Operations and maintenance activities are ongoing for Landfill Sites 4 and 6, as well as capped Site L.

Challenges:

The OU-2 ROD has been disputed by EPA and the State.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated.

JOINT FORCES TRAINING BASE, LOS ALAMITOS (formerly Armed Forces Reserve Center), (ARMY/DERA) - PCA NO. 16982

Progress:

The Army is on schedule with the Two-Year Joint CA Execution Plan. The Regional Board approved the Rebound Test Protocol for the Landfill Interim Remedial Action, Human Health Risk Assessment, Supplemental Soil Sampling Workplan, and the Workplan for the Supplemental Groundwater Investigation. The rebound testing has commenced at the Landfill IRA. The phytoremediation hydraulic barrier remedy was installed for eventual replacement of the JP-4 Containment System. Rebound protocol has been considered for the JP-4 Site, however, after the system was down for a prolonged maintenance period, areas of high contaminant concentrations were identified.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

CAMP ANZA, (FUDS/DERA) - PCA NO. 16983

Progress:

The Corps of Engineers is on schedule with the Two-Year Joint CA Execution Plan.

Challenges:

Regional Board staff recently became aware of a proposed land swap agreement between the City of Riverside and a developer who wants to build homes on the former Camp Anza site. This proposed land swap has triggered Regional Board staff involvement in verification of cleanup, reviewing the status of the remaining UST and former sewage treatment facility, and participating in review of CEQA-related concerns.

Success Stories:

None.

Execution Plan Status:

See attachments to this report.

MARCH ARB, (AIR FORCE/DERA) - PCA NO. 16985

Progress:

The Air Force is on schedule with the Two-Year Joint CA Execution Plan. The Regional Board approved the Rebound Test Report for Building 2307 and commented on the OU-1 ROD Amendment and Fact Sheet for IRP Sites 31 & 34, and the Draft Final ROD of OU2. It was agreed to shut down the OU-2, Site 36, treatment system for confirmation sampling. That sampling plan has been approved. OU-2, Building 2307 Site, had rebound testing and the Regional Board agreed to a termination of remedial action to allow for hangar construction at this site. The Regional Board agreed to the removal of the OU-3, Panero Site, from a FFA site to a petroleum corrective action site. Additionally, for cost savings purposes, the Regional Board has agreed to allow shut-down of the vapor extraction system at the Panero Site for the summer. This installation has two operating remedial actions: the EGETS OU-1 plume remedy system and the dual-phase extraction and treatment system at Site 2. Site 27 remedial action construction has commenced.

Challenges:

None.

Success Stories:

None.

Execution Plan Status:

See the DTSC Semiannual Performance Report for the Two-Year Joint CA Execution Plan that has "Status" annotated

**SEMIANNUAL REPORT – NON-SITE ACTIVITIES
STATE WATER RESOURCES CONTROL BOARD/
REGIONAL WATER QUALITY CONTROL BOARDS
DEPARTMENT OF DEFENSE (DoD) PROGRAM
(January 1 – June 30, 2003)**

The State Water Board (Division of Water Quality, Office of the Chief Counsel, and the Division of Administrative Services) and all nine Regional Water Quality Control Boards (RWQCBs) charge non-site activities to PCAs 16901, 16905, and 16910.

STATE WATER RESOURCES CONTROL BOARD:

Division of Water Quality:

Program Management and Administration - PCA NO. 16901

- Coordinated and provided the RWQCBs with guidance to implement restoration of the DoD Program with DSMOA and Navy Cost Recovery resources.
- Finalized the FY 03-04 DoD Program Workplan, including site-specific facility budgets for both DSMOA and Navy Cost Recovery. Prepared the Workplan PCP necessary to redistribute resources.
- Finalized the Annual Funding Review.
- Coordinated, with the Regional Boards, the development of a standard request letter to military installations requesting source area information on emergent chemicals. Attended a demonstration on perchlorate treatment and technology at Edwards AFB.
- Attended monthly Perchlorate Roundtables, between SWRCB, RBs, DTSC, DHS, OEHHA, USEPA, and the Cal/EPA Secretary's Office, to provide a forum for information exchange.
- Maintained a secure Internet Website used by regulators and the military branches for the preparation of the Cooperative Agreement (CA) Execution Plans (Appendices E and F), the Annual Funding Review, and Semiannual Performance Reports for the FY 2002-03 and FY 2003-04 CA Application.
- Responded to requests from the military and DTSC regarding DSMOA CA implementation and the FY 2002-03 and FY 2003-04 CA Application.
- Provided the RWQCBs with DoD Program implementation guidance and relevant information from the DoD/USACE, the USEPA, and/or DTSC.

- Participated in telephone calls and meetings and utilized email to coordinate CA administrative tasks with DTSC and the RWQCBs.
- Coordinated with DTSC management regarding DoD Program management issues, including the restoration of the DoD program.
- Participated in two CA In-Progress Review meetings with DTSC and the military on February 27 and June 18.
- Planned, facilitated, and participated in three DoD Program Roundtables with State and RWQCB participants, as follows: Two Roundtables on January 16 and May 8, both in Riverside, and one teleconference on March 20. Prepared and distributed minutes of each Roundtable.
- Continued development and maintenance of the DoD Database Program. Reconciled, compiled, and transmitted Daily Log Reports to DTSC, as required by the IA. Reconciled, compiled, and transmitted the Significant Milestone Reports and the Semiannual Performance Report to DTSC, as required by the IA. Developed and transmitted monthly site and non site-specific Expenditure Reports to affected organizations and the military.
- Participated as a staff assistant on the 'Improving the Cleanup Process Workgroup' for Cal/EPA.
- Assisted RWQCBs with work efforts necessary to upload DoD facility data into GeoTracker. Provided assistance to the RWQCBs regarding AB2886, which requires electronic reporting of UST laboratory and locational data into GeoTracker.
- Maintained the DoD Program Internet site:
<http://www.swrcb.ca.gov/cwphome/land/dod/internet/> including a Program Overview, Semiannual Performance Reports, Success Stories, Program Managers/Contacts List, Facilities List, and related links.
- Maintained the DoD Program Intranet site, including the Bimonthly Roundtable Minutes, training announcements, the technical library, and guidance.
- Reviewed monthly invoice and labor distribution reports; resolved errors and omissions, when necessary.
- Attended training: DSMOA Training.
- Supervised staff, developed duty statements, and prepared performance evaluations.
- Prepared timesheets and input daily log and narrative information into the DoD Database Program.

Office of the Chief Counsel:

Program Management and Administration - PCA NO. 16901

- Provided legal assistance to SWRCB and RWQCB staff.
- Assisted RWQCBs in ARARs identification.
- Prepared timesheets and input daily log and narrative information into the DoD Database Program.

Division of Administrative Services:

Program Management and Administration - PCA NO. 16901

- Prepared and sent monthly DoD Program invoices to DTSC, monitored the Reimbursement Worksheet for cash availability, and calculated and posted monthly statistics.
- Prepared timesheets and input daily log and narrative information into the DoD Database Program.

REGIONAL WATER QUALITY CONTROL BOARDS:

Program Management and Administration - PCA NO. 16901

- Provided input to SWRCB regarding restoration of the DoD Program with DSMOA and Navy Cost Recovery resources.
- Provided input to SWRCB regarding the FY 03-04 DoD Program Workplan.
- Using the secure Internet Website, revised the FY 2002-03 and FY 2003-04 Execution Plans (Appendices E and F) for the Annual Funding Review, including REWs, when necessary, and annotated Appendices for the Semiannual Performance Report.
- Developed and provided the SWRCB with input for the July through December, 2002 Semiannual Performance Report to DTSC.
- Assisted SWRCB with work efforts necessary to upload DoD facility data into GeoTracker.
- Responded to requests from the military and DTSC regarding the DSMOA CA implementation.
- Coordinated with DTSC management regarding DoD Program management issues.

- Coordinated, with the SWRCB, the development of a standard request letter to military installations requesting source area information on emergent chemicals. Attended a demonstration on perchlorate treatment and technology at Edwards AFB
- Attended monthly Perchlorate Roundtables, between SWRCB, RBs, DTSC, DHS, OEHHA, USEPA, and the Cal/EPA Secretary's Office, to provide a forum for information exchange.
- Attended Senior, unit, and technical staff meetings and prepared progress report updates to RWQCB management.
- Participated in three DoD Program Roundtables as follows: Two Roundtables on January 16 and May 8, both in Riverside, and one teleconference on March 20.
- Attended training: Health and Safety Refresher; Endocrine Disruption; Groundwater Technology; Ethics; Toxicity; Indoor Health Hazards from PCP-TCE Plumes; Selecting Water Quality Goals and Limits; Statistics; DNAPL/Fractured Bedrock; Chemical Oxidation Remedial Techniques; Groundwater-Surface Water Interactions; DSMOA Training; Soil Gas Analysis; Bioremediation Seminar; Water Quality Standards Academy; NPDES Permits; MTBE & TBA; Enforcement; Groupwise; Supervision; Word; Violence in the Workplace; CPR/First Aid; and Written Communication.
- Prepared timesheets and input daily log, milestone, and narrative information into the DoD Database Program.
- Supervised staff, developed duty statements, and prepared performance evaluations.

STATE WATER BOARD AND REGIONAL WATER QUALITY CONTROL BOARDS:

Clerical Support - PCA NO. 16905

- Provided clerical support for the DoD Program professional staff.

ATTACHMENTS

TWO-YEAR JOINT CA EXECUTION PLANS

06-30-03 STATUS
(In Regional Board Order)

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Santa Rosa Naval Auxiliary Air Station

Funding Source DERA

Service Branch Army Corps of Engineers

DTSC Site# 200587

RB# 1 RB PCA# 169-12 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Technical Memo summing up RI Removal of High Priority Surface Contamination Develop workplan for additional RI UST investigation workplan	Prepare Technical Memo			Review Technical Memo	1	1
	Prepare workplan			Review workplan	1	1
	Prepare workplan			Review workplan for additional RI	1	1
	Prepare workplan			Review and comment on Draft and Final UST investigation workplans	1	1
Project Management	RPM Project Coordination/ Management			Attend RPM Meetings	1	1
	4 Site Visits			Site visits	1	1
	RPM Training			RPM Training	1	1
UST				Review and comment on Draft and Final UST Closure Report	1	1
Public Participation	Conduct Public Meetings			Assist ACOE with Public Participation Process	1	1

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Feasibility Study	Prepare Study SOW			Review and comment on draft and final documents		
UST Corrective Action Plan (CAP)	Prepare UST CAP			Review and comment on draft and final CAP		
Quarterly	4 Quarterly Groundwater Monitoring Reports			Review and comments on documents		
Project Management	4 Site Visits			4 site visits		
	RPM Training			Attend applicable training		
	RPM Project Coordination/ Management			Attend RPM meetings		
Public Participation	Conduct Public Meetings			Ensure adequate public participation		

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DTSC Project Manager

E-mail

RWQCB Project Manager

E-mail

DoD Project Manager

E-mail

/s/ Stephen Bargsten

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/s/ Raj Sandhu

Rsandhu@spk.usace.army.mil

Date:

Phone #

Date: 1/24/02

Phone # (707) 576-2653

Date: 1/24/02

Phone # (916)557-7441

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Requa Air Force Station

Funding Source DERA

Service Branch Air Force

DTSC Site# 200533

RB# 1 RB PCA# 16913 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Removal of USTs and AGTs	Cape Environmental of Tustin, CA is preparing a cost estimate for tank removal.	1	2	Review and comment	1	2
USTs removed	Tank Removal Report of Findings	1	2	Review and comment	1	2
Closure Document	Review and comment	1	1	Review and comment.	1	1
				</		

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Subsurface Investigation	Possible installation of monitoring wells and subsurface investigation			Review and comment.		
RI/FS	RI/FS initiated as required once tanks are removed.			Review and comment.		

DTSC Project Manager _____

E-mail _____

RWQCB Project Manager /s/ Ron Allen

E-mail aller@rb1.swrcb.ca.gov

DoD Project Manager /s/ Jerry Vincent

E-mail GVincent@spk.usace.army.mil

Date: _____

Phone # _____

Date: January 10, 2002

Phone # (707) 576-2848

Date: January 10, 2002

Phone # (916) 557-7452

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation U.S. Naval Aux. Air Station/Eureka-Humboldt County
Airport NAS Arcata
 Funding Source DERA
 Service Branch FUDS
 DTSC Site# 100571
 RB# 1 RB PCA# 16914 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services		Jul Dec	Jun Jun
	No DOD Funding available						

YEAR 2		July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services		Jul Dec	Jun Jun
	No Activities Scheduled						

DTSC Project Manager _____
 E-mail _____
 RWQCB Project Manager /s/ Ron Allen
 E-mail aller@rb1.swrcb.ca.gov
 DoD Project Manager /s/Gerald Vincent
 E-mail Gvincent@spk.usace.army.mil

Date: _____
 Phone # _____
 Date: January 10,2002
 Phone # (707) 576-2848
 Date: January 10,2002
 Phone # (916) 557-7452

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation DFSP Ozol, CA

Funding Source _____

Service Branch DLA

DTSC Site# _____

RB# _____ RB PCA# 16621 Lead RB2 - RWQCB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
7/30/2002	Prepare and execute a work plan to fully assess the Generator Building – Truck Loading Rack Area	2			2	1
7/30/2002	Execute biannual self-monitoring program, prepare and submit Monitoring and Sampling Report.	1			1	1
7/30/2002	Monitor remediation systems, prepare and submit 2 nd quarter System Status Report.	2			1	2
9/30/2002	Based on results of Generator Bld'g – Truck Loading Rack Area assessment, prepare a work plan to expand the remediation system to expedite free phase hydrocarbon recovery.	3			3	3
10/30/2002	Monitor remediation systems, prepare and submit 3rd quarter System Status Report.	2			2	2
1/31/1003	Execute biannual self monitoring program, prepare and submit Monitoring and Sampling Report	1			1	2
1/31/2003	Monitor remediation systems, prepare and submit 4th quarter System Status Report.	1			1	2
3/31/2003	Install and start-up expanded free phase hydrocarbon recovery system at Generator Bld'g – Truck Loading Rack area.	3			3	3
4/30/2003	Monitor remediation systems, prepare and submit 1st quarter System Status Report.	1			1	2

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
7/30/2003	Execute biannual self-monitoring program, prepare and submit Monitoring and Sampling Report.					
7/30/2003	Monitor remediation systems, prepare and submit 2 nd quarter System Status Report.					
10/30/2003	Monitor remediation systems, prepare and submit 3rd quarter System Status Report.					
1/31/1004	Execute biannual self monitoring program, prepare and submit Monitoring and Sampling Report					
1/31/2004	Monitor remediation systems, prepare and submit 4th quarter System Status Report.					
4/30/2004	Monitor remediation systems, prepare and submit 1st quarter System Status Report.					

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

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DTSC Project Manager

E-mail

RWQCB Project Manager

E-mail

DoD Project Manager

E-mail

/S/ James Ponton

jdp@rb2.swrcb.ca.gov

/S/Jack O'Donovan

jodonovan@desc.dla.mil

Date:

Phone #

Date: 1/28/2002

Phone # (510) 622-2492

Date: 1/28/2002

Phone # (703) 767-8309

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Onizuka AFS

Funding Source BRAC IV

Service Branch Air Force

DTSC Site# 200284

RB# 2 RB PCA# 16620 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Site Investigation	Review of Phase II Site Characterization Work Plan			Technical reviews Comment resolution Attend project meetings	2	
Site Investigation	Review of Site Characterization and Baseline Human Health Risk Assessment (Above work activities will be completed under Moffett Field NAS; see Moffett App. E & F)			Technical reviews Track investigation activities to ensure progress Comment resolution Attend project meetings	1	

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun

DTSC Project Manager _____

E-mail _____

RWQCB Project Manager /s/ Adriana Constantinescu

E-mail Avc@rb2.swrcb.ca.gov

DoD Project Manager /s/ Wilson Doctor

E-mail Doctorwe@efdswnavy.navy.mil

Date: _____

Phone # _____

Date: 01/15/03

Phone # (510) 622-2353

Date: 12/20/01

Phone # (619) 532-0928

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Presidio of Monterey

Funding Source DERA

Service Branch Army

DTSC Site# 300522

RB# 3 RB PCA# 166-23 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003						
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun	
Building 262	Final Closure Report			Conduct technical reviews	2	2	
				Attend comment resolution meetings	2	2	
				Coordinate with Monterey County Department of Environmental Health	2	2	
	LTM – Landfill (POM – 05)			Long Term Maintenance	Quarterly inspections	1	1
					Review quarterly LTM reports	2	2
					Review 5-Year Review Report	2	2

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
On-going LTM - Landfill (POM – 05)	Long Term Maintenance			Quarterly inspections		
				Review quarterly LTM reports		

DTSC Project Manager none

E-mail _____

RWQCB Project Manager Grant Himebaugh /s/

E-mail ghimebau@rb3.swrcb.ca.gov

DoD Project Manager Melissa Hlebasko /s/

E-mail hlebas km@pom-emh1.army.mil

Date: _____

Phone # _____

Date: 12/19/01

Phone # 805-542-4636

Date: 12/19/01

Phone # 831-393-1284

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation NAAS Monterey

Funding Source DERA

Service Branch FUDS

DTSC Site# 200636

RB# 3 RB PCA# 169-39 Lead RB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | <input checked="" type="checkbox"/> |
| 2. 12/31/02 Status | <input checked="" type="checkbox"/> |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | <input checked="" type="checkbox"/> |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
POL Plume						
Interim Operations Draft Final Report	Quarterly groundwater monitoring pending selection of final remedy			<ul style="list-style-type: none"> Conduct technical reviews: SI or RI Workplans 	2	2
				<ul style="list-style-type: none"> Attend TRC comment meetings 	1	1
				<ul style="list-style-type: none"> Corrective Action Plan 	2	2
TCE Plume						
Interim Operations Draft Final Report	Quarterly groundwater monitoring pending selection of final remedy			<ul style="list-style-type: none"> Conduct technical reviews: RI Workplan (guard wells) 	2	2
				<ul style="list-style-type: none"> Attend TRC comment meetings 	1	1
				<ul style="list-style-type: none"> Human Health Risk Assessment Phases I & II 	2	2
Fire Fighting Training Facility						
	Site Characterization,			<ul style="list-style-type: none"> Conduct reviews: Data Gap Report 	2	2
	Develop Work/Sampling & Analysis Plan,			<ul style="list-style-type: none"> Attend TRC comment meetings 	2	2
	Develop Worker Health & Safety Plan,			<ul style="list-style-type: none"> Coordinate with other state agencies, ecology programs, and Monterey County 	2	2
	Final Remedial Investigation Report and Feasibility Study					
Range Areas Dump Sites Spill Sites						
Remedy Selection	Site Characterization – all sites			Extended SI – all sites	2	2
	Proposed Plan (2-3 Drafts)			<ul style="list-style-type: none"> Screen alternatives 	1	1
				<ul style="list-style-type: none"> Review and approve plan 	1	1
				<ul style="list-style-type: none"> Identify ARARS 	1	1
				<ul style="list-style-type: none"> Coordinate with other state agencies, ecology programs, EPA, and Monterey County 	1	1

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Remedy Selection Feasibility Study Treatability Study	Decision Document			<ul style="list-style-type: none">Conduct treatability/feasibility reviews	2	2
				<ul style="list-style-type: none">Attend TRC comment meetings	1	1
				<ul style="list-style-type: none">Coordinate with other state agencies, ecology programs, EPA, and Monterey County	1	1
Remedy Design	Scope Design Remedial Design (2-3 Drafts)			<ul style="list-style-type: none">Negotiate schedule for RD/RAConduct technical reviewsAttend comment resolution meetingsCoordinate with other state agencies, ecology programs, and EPA		

DTSC Project Manager N/A

E-mail _____

RWQCB Project Manager Grant Himebaugh /s/

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DoD Project Manager Jerry Vincent /s/

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Date: _____

Phone # _____

Date: 12/3/01

Phone # 805-542-4636

Date: 11/23/01

Phone # 916-557-7452

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation CAMP ROBERTS

Funding Source DERA

Service Branch ARMY NATIONAL GUARD

DTSC Site# 200589

RB# 3 RB PCA# 16931 Lead RB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | <input checked="" type="checkbox"/> |
| 2. 12/31/02 Status | <input checked="" type="checkbox"/> |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | <input checked="" type="checkbox"/> |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Site Inspection	Draft Final Report			Review, Comment and Approve	1	1
	Final Report			Review, Comment and Approve	1	1
Record of Decision	SI Closure Sites Decision Document			Review, Comment and Approve, Sign Record of Decision	1	1
Remedial Investigation /Feasibility Studies	Work Plan development			Site Visit	1	1
	Draft Final Work Plan			Review, Comment and Approve	1	1
	Final Work Plan			Review, Comment and Approve	1	1
	Field Work			Site Visit, obtain split/duplicate samples as required	1	1
	Draft Final Report			Review, Comment and Approve	1	1
Other	RPM Meetings (6)			Participate in Meetings at the Facility	1	1
	RPM Teleconferences (6)			Participate in Teleconferences		
Community Relations	Solicit Interest in forming a Restoration Advisory Board (RAB)			Provide feedback, serve as RWQCB POC	1	3

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Investigation/ Feasibility Study Record of Decision	Final Report			Review, Comment, Approve		
	IRA Sites Decision Document			Review, Comment and Approve, Sign Record of Decision		
Interim Removal Action(s)	Scoping			Review, Comment, Site Visit		
	Draft Final Work Plan			Review, Comment and Approve		
	Final Work Plan			Review, Comment and Approve		
	Field Work			Site Visit, obtain split/duplicate samples as required		
	Draft Final Report			Review, Comment and Approve		
Other	RPM Meetings (6)			Participate in Meetings at the Facility		
	RPM Teleconferences (6)			Participate in Teleconferences		
Community Relations	4 RAB Meetings			Attend RAB Meetings and Participate as RAB members		

RWQCB Project Manager /s/ Linda Stone

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DoD Project Manager /s/ John Morrow

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Date: 12/21/01

Phone # (805) 542-4695

Date: 12/21/01

Phone # (805) 238-8922

TWO-YEAR JOINT CA EXECUTION PLAN

Description						Requirement	
Name of Installation		Lompoc, Branch U.S. Disciplinary Barracks				CA-E Submittal	<input checked="" type="checkbox"/>
Funding Source		BRAC IV				12/31/02 Status	<input checked="" type="checkbox"/>
Service Branch		Army				Annual Funding Review	<input checked="" type="checkbox"/>
DTSC Site#		300583				6/30/03 Status	<input checked="" type="checkbox"/>
RB#	3	RB PCA#	169-30	Lead	RB	12/31/03 Status	<input type="checkbox"/>
						6/30/04 Status	<input type="checkbox"/>
CA Period 1 JUL 02 - 30 JUN 04							

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
RI: ARAR Identification	1. Identification of potential ARARs 1. Farm Fuel area 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Provide RWQCB's ARARs Solicit ARARs from other state agencies Continue reviewing and refining ARARs	1	1
RI: Risk Assessment	2. Draft Risk Assessments, and 3. Final Risk Assessments for: 1. Farm Fuel area, 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area			Review/comments, approval/acceptance	1	3
RI: Report of Findings	• Draft RI Reports, and • Final RI Reports for: 1. Farm Fuel area 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Review/comments, approval/acceptance	1	1
Interim Actions/Pilot Tests Decision Documents (DD)	• Community involvement, • Draft & Workplans, • Final Workplans, • Field activities, and • Findings for: 1. Farm Fuel area 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Review and comments, & approval/accept Field oversight, Review/Comment, Approval/acceptance Public meetings	1	1
Feasibility Studies (DD)	• Community involvement, • Draft Report, and • Final Report for: 1. Farm Fuel 2. Washrack area 3. Wood Dump/Landfill 4. Scarring area 5. UST areas			Review/comments, approval/acceptance, Public meetings	1	1

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Environmental Documentation CEQA	<ul style="list-style-type: none"> • Environmental documents, and • Public participation for: <ol style="list-style-type: none"> 1. Wood Dump/Landfill Closure 2. Facility-wide, Cleanup and transfer of property 			Coordination, oversight, review, and certification of environmental documents Public meetings	1	1
Quarterly GW Monitoring	<ul style="list-style-type: none"> • Field activities, and • Reports 			Field oversight Review/comment, approval/acceptance	1	1
Other	<ul style="list-style-type: none"> • RPM Meetings (6) • Correspondence/Progress Reports (10) • Conference calls (10) • RWQCB Meeting Items/Reports (4) 			Prepare for and attend meetings Review/comment, approval/acceptance Participation in discussion/decisions Prepare for and attend meetings	1	1

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Environmental Documentation CEQA	<ul style="list-style-type: none"> • Environmental documents, and • Public participation for: <ol style="list-style-type: none"> 1. Wood Dump/Landfill Closure 2. Facility-wide, Cleanup and transfer of property 			Coordination, oversight, review, and certification of environmental documents Public meetings		
RAP/ROD (DD)	<ul style="list-style-type: none"> • Draft Report • Final Report 			Review/comment, approval/acceptance		
Quarterly GW Monitoring	<ul style="list-style-type: none"> • Field activities • Reports 			Field oversight Review/comment, approval/acceptance		
O&M	<ul style="list-style-type: none"> • Plans • Implementation 			Review/comment, approval/acceptance Field oversight		
Site Closure	<ul style="list-style-type: none"> • Well Abandonment • Closure Reports 			Field oversight Review/comment, approval/acceptance		
Other	<ul style="list-style-type: none"> • RPM Meetings (6) • Correspondence/Progress Reports (10) • Conference calls (10) • RWQCB Meeting Items/Reports (4) 			Prepare for and attend meetings Review/comment, approval/acceptance Participation in discussion/decisions Prepare for and attend meetings		

RWQCB Project Manager	Linda C. Stone /s/		Date:	12/19/01
E-mail	lstone@rb3.swrcb.ca.gov		Phone #	805-542-4695
DoD Project Manager	(for) Eric Waehling (by Frank Crown) /s/		Date:	12/19/01
E-mail	Waehlinge@lewis.army.mil		Phone #	253-966-1732

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Defense Fuel Support Point, San Pedro (DFSP)

Funding Source DERA

Service Branch DESC

DTSC Site# Tank Farm, Administration and Pump House Areas

RB# _____ RB PCA# 16637 Lead RB#4

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
	Community Relations	1	2	Attend yearly RAB meeting	1	1
	Project Managers Meeting	1	2	Attend meeting if required	1	2
	Long Term Monitoring of groundwater at Tank Farm, Administration Area and Pump House Area	1	1	Project Management, site visit, document review	1	2
	Long Term monitoring of the remediation system	1	1	Project Management, site visit, document review	1	2
	Remediation of groundwater at Administration area	1	1	Project Management, site visit, document review	1	2

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
	Community Relations			Attend yearly RAB meeting		
	Project Managers Meeting			Attend meeting if required		
	Long Term Monitoring of groundwater at Tank Farm, Administration Area and Pump House Area			Project Management, site visit, document review		
	Long Term monitoring of the remediation system			Project Management, site visit, document review		
	Remediation of groundwater at Administration area			Project Management, site visit, document review		

DTSC Project Manager _____

E-mail _____

RWQCB Project Manager /s/Jeffrey Hu

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DoD Project Manager /s/ Hasan Dogrul

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Date: _____

Phone # _____

Date: 8/19/2003

Phone # (213) 576-6736

Date: 4/15/2003

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TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Norwalk, Fuel Terminal DFSP

Funding Source DWCF

Service Branch DLA

DTSC Site# 300047 Tank Farm, Truck Rack, Water Tank
Area, Buried Oily waste southwest area

RB# 4 RB PCA# 166-38 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
LTM	Community Involvement	1	1	Attend semi-annual RAB meeting	1	2
	Project Managers Meeting	1	1	Attend meeting as required	1	2
	Long term remediation system O&M, Monitoring to determine optimal performance and efficiency of system.	1	1	Project Management, site visit, document review.	1	2
LTM	Semi-annual sampling of on- and off-site wells	1	1	Project Management, site visit, document review	2	2
RA	Remedial Actions for Truck Rack and Above Ground Tank areas.	3	3	Project Management, site visit, document review	3	3

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
LTM	Community Involvement			Attend semi-annual RAB meeting		
	Project Managers Meeting			Attend meeting as required		
	Long term remediation system O&M, Monitoring to determine optimal performance and efficiency of system.,			Project Management, site visit, document review		
LTM	Semi-annual sampling of on- and off-site wells			Project Management, site visit, document review		

DTSC Project Manager N/A

E-mail

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Date:

Phone #

Date: 04/10/03

Phone # (213) 576-6738

Date: 04/10/03

Phone # (703) 767-8316

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Camarillo Airport

Funding Source DERP-J09CA0126

Service Branch FUDS

DTSC Site# 300576

RB# 4 RB PCA# 169-43 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Draft Supplemental RI	Field Investigation report			Review and comment	2	2
	Technical review meeting				2	2
Draft FS/RAP	Field investigation and report			Review and comment	1	2
	Technical review meeting				1	1
Final supplemental RI	Final RI report			Review and comment	1	1
	Final FS/RAP					

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Monitoring report	Start Groundwater Monitoring			Review and comment		
	Technical review					

CCRWQCB Project
Manager

/S/ Mr. Peter Raftery

Date: 2/6/2002

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DoD Project Manager

/S/ TAWNY TRAN

Date: 2/6/2002

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Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Davis Transmitter Site - McClellan AFB

Funding Source BRAC IV

Service Branch AFBCA

DTSC Site# 100266

RB# 5 RB PCA# 166-52 Lead RWQCB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☐
3. Annual Funding Review ☐
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Action Operations	4 Each Davis Quarterly Operations and Monitoring Report (F)			<ul style="list-style-type: none"> Review and Comment 		1
Proposed Plan	Davis Site Proposed Plan (D, DF, F)			<ul style="list-style-type: none"> Review, Comment, and Approve 		5
Proposed Plan	Davis Site Proposed Plan Public Meeting			<ul style="list-style-type: none"> Participate in Meeting 		5
Program Management	2 Each Site Inspections			<ul style="list-style-type: none"> Attend Site Inspections 		1
Program Management	2 Each Technical Specific Meetings			<ul style="list-style-type: none"> Participate in Meetings 		1
UST	1 UST Work Plan (D, F)			<ul style="list-style-type: none"> Review, Comment, and Approve 		5

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Action Operations	4 Each Davis Quarterly Operations and Monitoring Report (F)			<ul style="list-style-type: none"> Review and Comment 		1
Record of Decision	Davis Site Record of Decision (D, DF, F)			<ul style="list-style-type: none"> Review, Comment, and Approve 		5
Program Management	2 Each Site Inspections			<ul style="list-style-type: none"> Attend Site Inspections 		1
Program Management	2 Each Technical Specific Meetings			<ul style="list-style-type: none"> Participate in Meetings 		1
UST	1 UST Work Plan (D, F)			<ul style="list-style-type: none"> Review, Comment, and Approve 		1
UST	UST Closure Report (F)			<ul style="list-style-type: none"> Review, Comment, and Approve 		5

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.

Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, will finish in Year 1; [4] Delayed, will finish in Year 2;

[5] Delayed, carryover to Out-Years; and [6] Tasks will not be performed.

DTSC Project Manager	Kevin Depies /s/	Date:	12/21/01
E-mail	Kdepies@dtsc.ca.gov	Phone #	916-255-3688
RWQCB Project Manager	James D. Taylor /s/	Date:	12/21/01
E-mail	Taylorjd@rb5s.swrcb.ca.gov	Phone #	916-255-3069
DoD Project Manager	Paul Brunner /s/	Date:	12/20/01
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TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Beale Air Force Base, Titan I-A Missile Facility

Funding Source DERP

Service Branch USACE, Sacramento District

DTSC Site# 100525

RB# 5 RB PCA# 169-51 Lead RB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | X |
| 2. 12/31/02 Status | X |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | X |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Feasibility Study	Finish Focused Feasibility Study-pilot study			Review and comment on focused FS Report.	2	2
Remedial Investigation	Start and implement Site Wide Remedial Investigation			Review and comment on extended Remedial Investigation Work Plan.	2	2
	Risk Assessment			Review and comment on Risk Assessment.	3	3
Remedial Action	Determine best Remedial Action approach			Review and comment on Remedial Action proposal.	3	3
NPDES Permit	Report of Waste Discharge			Review NPDES permit required monitoring reports for treatment system.	1	1
Remedial Action (Long Term Monitoring) Work Plan	Quarterly Groundwater Monitoring (4)			Review and comment on quarterly groundwater and NPDES monthly reports.	1	1
	Corrective Action Plan			Review and comment on Corrective Action Plan. Meet with the Army to negotiate terms and conditions.	3	3
	Public Information Outreach (1)			Attend Public Information Outreach Meeting.	1	1
	Meetings (6)			Attend Technical Review Meetings.	1	1
	Site Visit			Conduct two (2) site visits during Remedial Investigation.	2	2

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Remedial Action (Long Term Monitoring) NPDES Permit	Quarterly Groundwater Monitoring (4)			Review and comment on quarterly groundwater and NPDES monthly reports.		
	Report of Waste Discharge			Review NPDES permit required monitoring reports for treatment system, if operating.		
	Public Information Outreach (2)			Attend Public Information Outreach Meetings.		
	Meetings (4)			Attend Technical Review Meetings.		

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

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DTSC Project Manager

E-mail

RWQCB Project Manager Robert Reeves /s/

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DoD Project Manager Brenda Pedersen /s/

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Date:

Phone #

Date: 3 March 2003

Phone # (916) 255-3051

Date: 29 January 2002

Phone # (916) 557-6771

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Beale Air Force Base, Titan I-B Missile Facility

Funding Source DERP

Service Branch USACE, Sacramento District

DTSC Site# 100567

RB# 5 RB PCA# 169-55 Lead RB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | X |
| 2. 12/31/02 Status | X |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | X |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Work Plan	Lead Removal Feasibility Study			Review and comment on Work Plan	2	2
Corrective Action	Corrective Action Plan			Review and comment on Corrective Action Plan. Meet with the Army to negotiate terms and conditions.	3	3
	Site Visit			Conduct one (1) site visit during field activities.	1	1
	Meetings (4)			Attend Technical Review meetings.	2	2
	Public Information Outreach (1)			Attend Public Information Outreach Meeting.	3	3

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
Closure Report	Site Closure Report (to include UST Closure Report and Corrective Action Report)			Review and issue closure letter		
	Meetings (6)			Attend Technical Review Meetings.		
	No Further DoD Action			Issue concurrence letter.		
	Site Visit			Conduct one (1) site visit during field activities.		
	Meetings (4)			Attend Technical Review meetings.		
	Public Information Outreach (1)			Attend Public Information Outreach Meeting.		

DTSC Project Manager _____

E-mail _____

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Date: _____

Phone # _____

Date: 3 March 2003

Phone # (916) 255-3051

Date: 29 January 2002

Phone # (916) 557-6771

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Beale Air Force Base, Titan I-C Missile Facility

Funding Source DERP

Service Branch USACE, Sacramento District

DTSC Site# 100568

RB# 5 RB PCA# 169-54 Lead RB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | X |
| 2. 12/31/02 Status | X |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | X |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
	Abandon wells/fill in USTs*			Review Work Plan and comment*	2	2
	Site Closure Report*			Review and issue Closure letter*	3	3
	Meetings (4)*			Attend technical meetings*	1	1
	Public Information Outreach (1)*			Attend Public Information Outreach meeting*	3	3
	* - tasks and California DSMOA services are contingent upon the Army securing funding during the cooperative agreement period, regardless of year 1 or year 2. Rights of Access					
				Continue assisting Corps of Engineers with Rights of Access Issues with Landowner, to allow site closure when funding becomes available again.		

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jun Jun	California DSMOA Services	Jul Dec	Jun Jun
	Secure Silo*	2		Review and issue comments*		
	Site Closure/ No Further Action*			Review and issue comments*		
	Meeting (2)*			Attend technical meeting*		
	Public Information Outreach (1)*			Attend Public Information Outreach meeting*		
	* - tasks and California DSMOA services are contingent upon the Army securing funding during the cooperative agreement period, regardless of year 1 or year 2. Rights of Access					
				Continue assisting Corps of Engineers with Rights of Access Issues with Landowner, to allow site closure when funding becomes available again.		

DTSC Project Manager	_____		Date:	_____
E-mail	_____		Phone #	_____
RWQCB Project Manager	Robert Reeves	/s/	Date:	3March 2003
E-mail	bartonj@rb5s.swrcb.ca.gov		Phone #	(916) 255-3051
DoD Project Manager	Brenda Pedersen	/s/	Date:	29 January 2002
E-mail	bpedersen@spk.usace.army.mil		Phone #	(916) 557-6771

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Deganawidah-Quetzalcoatl University

Funding Source DERP

Service Branch USACE, Sacramento District

DTSC Site# 100570

RB# 5 RB PCA# 169-59 Lead RB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | X |
| 2. 12/31/02 Status | X |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | X |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Preliminary Assessment	Complete Preliminary Site Assessment Report for review and comment			Review and comment on revised Preliminary Assessment Report.	2	2
Site Inspection Draft	Complete Site Inspection Report for review and comment				2	2
Final Report						
Long-Term Monitoring	Prepare Decision Document for Long-Term Monitoring (Optional)				1	1
	Quarterly Groundwater Monitoring (4)			Review and comment four times a year on the submitted groundwater monitoring reports.	3	3
	Develop accurate Operations & Maintenance cost estimate for future budgeting			Review current progress and meet with Federal agency to discuss the details and progress of the project.	3	3
	Periodic review of compliance w/project goals			Technical Review Meetings to discuss the contents of the quarterly report and to determine if additional work is required.	3	3
	Bi-annual meetings (2)				2	3
	Public Meeting (1) (Optional)			Public informational meeting to present results of the Preliminary Assessment & Site Investigation Report	3	3
	Site Visit			Conduct one (1) site visit	2	3

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Long-Term Monitoring	Quarterly Groundwater Monitoring (4) Develop accurate Operations & Maintenance cost estimate for future budgeting Periodic review of compliance w/project goals Bi-annual meetings (2) Site Visit			Review and comment four times a year on the submitted groundwater monitoring reports. Review current progress and meet with Federal agency to discuss the details and progress of the project. Technical Review Meetings to discuss the contents of the quarterly report and to determine if additional work is required. Conduct one (1) site visit		

DTSC Project Manager _____

E-mail _____

RWQCB Project Manager Robert Reeves /s/E-mail reevesr@rb5s.swrcb.ca.govDoD Project Manager Peter Broderick /s/E-mail pbroderick@spk.usace.army.mil

Date: _____

Phone # _____

Date: 3 March 2003Phone # (916) 255-3051Date: 19 December 2001Phone # (916) 557-7430

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation George Air Force Base – Reuse Activities

Funding Source BRAC

Service Branch Air Force

DTSC Site# 400071

RB# 6 RB PCA# 16661 Lead Water Board

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Site Investigation Report	Dieldrin – Phase I Groundwater and Soil Investigation Report	2	2	Review, comment and approve	2	2
Report	Well Destruction Workplan	2	2	Review, comment and approve	2	2
Report	Well Destruction Report	1	1	Review, comment and approve	1	1
Work Plan	Original and 2 nd Skeet Ranges Characterization Work Plan	2	2	Review, comment and approve	2	2
Closure Plan	Skeet Range Closure Plan	2	2	Review, comment and approve	2	2
EE/CA	Original and 2 nd Skeet Ranges EE/CA	2	2	Review, comment and approve	2	2
Closure Report	Original and 2 nd Skeet Range Closure Report	1	2	Review, comment and approve	1	2
FOST/SEBS	Subparcel D-5b (Cal/Nev Parcel)	2	2	Review, comment and approve	2	2
	RPM Meetings	1	2	Attend and comment	1	2
	Status reports to Regional Water Quality Control Board	N/a	N/a	Oral or Written	1	2
	AFRPA Program Peer Review	2	2	Participate	2	2

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Work Plan	EOD Range Soil Investigation Work Plan	4		Review, comment and approve		
Work Plan	Basewide EBS Data Gap Investigation Work Plan	3		Review, comment and approve		
Closure Report	EOD Range Soil Investigation Closure Report	3		Review, comment and approve		
Closure Report	Basewide EBS Data Gap Investigation Report	1		Review, comment and approve		
Report	Well Destruction Report	1		Review, comment and approve		
	RPM meetings	1		Attend and comment		
	Status reports to Regional Water Quality Control Board	N/a		Oral or Written		
	AFRPA Program Review	1		Participate		

DTSC Project Manager Not applicable

E-mail _____

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DoD Project Manager Tony Wong /s/

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Date: _____

Phone # _____

Date: 02/21/02: 12/13/02: 8/5/03

Phone # 760-241-2434

Date: 12/18/01

Phone # 916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation George Air Force Base – Operable Unit Three

Funding Source BRAC

Service Branch Air Force

DTSC Site# 400071

RB# 6 RB PCA# 16661 Lead Water Board

Requirement

7. CA-E Submittal ☒
8. 12/31/02 Status ☒
9. Annual Funding Review ☒
10. 6/30/03 Status ☒
11. 12/31/03 Status ☐
12. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Report	Annual 2001 BWGWM Report (applies to all OUs)	2	2	Review, comment and approve	2	2
Report	Annual 2002 BWGWM Report (applies to all OUs)	1	1	Review, comment and approve	1	1
Report	Long-Term Maintenance and Monitoring Plan – OU3 Landfills	2	2	Review, comment and approve	2	2
WQPS Report	Water Quality Protection Standards (WQPS) – OU3 SEDA Landfill	2	2	Review, comment and approve	2	2
Report	Site OT-69 Phase I TCE Investigation Report	1	2	Review, comment and approve	1	2
Report	Site OT-51 Vapor Point Installation Post Construction Report	1	2	Review, comment and approve	1	2
SAP	OT-69 Phase II TCE Investigation SAP Addendum	1	1	Review, comment and approve	1	1
ESD for ROD	Site OT-51 Explanation of Significant Differences (ESD)	2	2	Review, comment and approve	2	2
ESD for ROD	Site FT-19b and LF-35 ESD	1	1	Review, comment and approve	1	1
Report	Site OT-51 Start-up Report	2	2	Review, comment and approve	2	2
Report	Semi-Annual Remedial Action for Sites WP-17, FT-19a, FY-19c, OT-51 and Landfills DP-03, DP-04, LF-12, LF-14 and SEDA Report	1	2	Review, comment and approve	1	2
SAP	Sampling and Analysis Plan Addendum, Background and Compliance Well Installation for OU 3 Landfills DP-03, LF-12 and LF-14	1	2	Review, comment and approve	1	2
	Field Oversight	1	1	Conduct	1	1

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Report	Annual 2002 BWGWM Report (applies to all OUs)	1		Review, comment and approve	1	
Report	Annual 2003 BWGWM Report (applies to all OUs)	1		Review, comment and approve	1	
Work Plan	Site WP-17 Additional Bioventing Investigation Well Installation Work Plan	3		Review, comment and approve	3	
Work Plan	Site OT-69 Phase II Site Investigation Work Plan	1		Review, comment and approve	1	
Report	Semi-Annual Remedial Action for Sites WP-17, FT-19a, FY-19c, OT-51 and Landfills DP-03, DP-04, LF-12, LF-14 and SEDA	1		Review, comment and approve	1	
Report	Background and Compliance Well Installation for OU 3 Landfills DP-03, LF-12 and LF-14 Report	1		Review, comment and approve	1	
Work Plan	Site FT-19b Closure Plan	1		Review, comment and approve	1	
ESD for ROD	Site FT-19b and LF-35 ESD	1		Review, comment and approve	1	

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed, [4] Tasks will not be performed.

	Status review meetings	1	Participate Conduct	1	
	Field Oversight and Sampling Activities	1		1	

DTSC Project Manager Not applicable

E-mail _____

RWQCB Project Manager Jehiel W. Cass /s/

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DoD Project Manager Tony Wong /s/

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Date: _____

Phone # _____

Date: 02/21/02: 12/13/02: 8/5/03

Phone # 760-241-2434

Date: 12/18/01

Phone # 916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation George Air Force Base – Operable Unit Two

Funding Source BRAC

Service Branch Air Force

DTSC Site# 400071

RB# 6 RB PCA# 16661 Lead Water Board

Requirement

13. CA-E Submittal ☒
14. 12/31/02 Status ☒
15. Annual Funding Review ☒
16. 6/30/03 Status ☒
17. 12/31/03 Status ☐
18. 6/30/04 Status ☐

CA Period 1 JUL 02 – 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Report	Extraction Well (Bioventing & SVE) Installation Report	1	2	Review, comment and approve	1	2
Work Plan	Work Plan - H2O2 Treatment for Biofouled Wells	2	2	Review, comment and approve	2	2
Report	Semi-Annual OU-2 SVE IRA Process Report	1	2	Review, comment and approve	1	2
Report	Free-Product Recovery System ITIRs	1	2	Review	1	2
Work Plan	ST-58 SVE System Design and Installation Plan	2	2	Review, comment and approve	2	2
Work Plan	OU2 SVE IRA System Design and Installation Plan	2	2	Review, comment and approve	1	2
FS	OU 2 Feasibility Study	1	3	Review, comment and approve	1	3
	Field Oversight and Sampling Activities	1	2	Participate	1	2
	Status review meetings	1	2	Participate	1	2

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
SAP	Sites ST-54 and ST-57 Source Area Site Investigation, Sampling and Analysis Plan Addendum	3		Review, comment and approve		
SAP	Site ST-67 Aboveground Storage Tank (AST) Site Investigation, Sampling and Analysis Plan Addendum	3		Review, comment and approve		
Report	Free-Product Recovery System ITIRs	1		Review		
Report	OU 2 SVE IRA Process Report	1		Review, comment and approve		
FS	OU 2 Feasibility Study	1		Review, comment and approve		
Proposed Plan	OU 2 Proposed Plan	3		Review, comment and approve		
Report	OU-2 Risk Assumptions Document	1		Review, comment and approve		
Report	OU-2 Risk Assessment Document	1		Review, comment and approve		
	Field Oversight and Sampling Activities	1		Participate		
	Status review meetings	1		Participate		

DTSC Project Manager Not applicable

E-mail _____

RWQCB Project Manager Jehiel W. Cass /s/

E-mail jcass@rb6v.swrcb.ca.gov

DoD Project Manager Tony Wong /s/

E-mail tony.wong@afropa.pentagon.af.mil

Date: _____

Phone # _____

Date: 02/21/02: 12/13/02: 8/5/03

Phone # 760-241-2434

Date: 12/18/01

Phone # 916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation George Air Force Base – Operable Unit One

Funding Source BRAC

Service Branch Air Force

DTSC Site# 400071

RB# 6 RB PCA# 16661 Lead Water Board

Requirement

19. CA-E Submittal ☒
20. 12/31/02 Status ☒
21. Annual Funding Review ☒
22. 6/30/03 Status ☒
23. 12/31/03 Status ☐
24. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Report	Geological Conceptual Site Model – OU 1	2	2	Review, comment and approve	2	2
Report	Hydrogeological Site Conceptual Model	1	1	Review, comment and approve	1	1
Report	Phase IV Data Gaps Investigation Sampling and Analysis Plan Addendum	1	1	Review, comment and approve	1	1
Report	Revised Draft 5-Yr ROD Review Document	3	3	Review, comment and approve	3	3
Report	NZ-55 Conversion to Extraction Well Report	2	2	Review, comment and approve	2	2
Report	Tech Memo – Spills and Leaks Related to OU 1	2	2	Review, comment and approve	2	2
Report	Process Monitoring, , Third Quarter 2002, OU 1	1	2	Review and comment	1	2
SAP	Groundwater Extraction/Treatment System Report	1	3	Review, comment and approve	1	3
	Site CG-70 Source Area Site Investigation, Sampling and Analysis Plan Addendum					
	Status review meetings	1	2	Participate	1	2
	Field oversight and sampling activities	1	2	Participate	1	2

YEAR 2	July 1, 2003 to June 30, 2004					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
SAP	Site CG-70 Source Area Site Investigation, Sampling and Analysis Plan Addendum	1		Review, comment and approve		
SAP	Site CG-70, Alternate Discharge Point Work Plan	4		Review, comment and approve		
SAP	Site CG-70 Well Modifications, Work Plan	1		Review, comment and approve		
Report	Phase IV Data Gaps Investigation Report	1		Review, comment and approve		
Report	Process Monitoring, Fourth Quarter 2002, OU 1	1		Review and comment		
Report	Groundwater Extraction/Treatment System Report					
Report	Process Monitoring, First Quarter 2003, OU 1	1		Review and comment		
Report	Groundwater Extraction/Treatment System Report					
Report	5-Yr ROD Review Document	1		Review, comment and approve		
Report	Hydrogeological Site Conceptual Model	1		Review, comment and approve		
Report	Phase IV Data Gaps Investigation Sampling and Analysis Plan Addendum	1		Review, comment and approve		
Report, Status	OU-1 Shutdown Approach	1		Review, comment and approve		
	Field Oversight and Sampling Activities	1		Participate		
	Status review meetings	1		Participate		
	OP&S Review	1		Review and comment		

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DTSC Project Manager	Not Applicable
E-mail	
RWQCB Project Manager	Jehiel W. Cass /s/
E-mail	jcass@rb6v.swrcb.ca.gov
DoD Project Manager	Tony Wong /s/
E-mail	tong.wong@afropa.pentagon.af.mil

Date:	
Phone #	
Date:	02/21/02: 12/13/02: 8/5/03
Phone #	760-241-2434
Date:	12/18/01
Phone #	916-643-6420 x 103

TWO-YEAR JOINT CA EXECUTION PLAN

Description

Name of Installation Camp Anza

Funding Source DERA

Service Branch FUDS

DTSC Site# 400509

RB# 8 RB PCA# 16983 Lead RWQCB

Requirement

- | | |
|--------------------------|-------------------------------------|
| 1. CA-E Submittal | <input checked="" type="checkbox"/> |
| 2. 12/31/02 Status | <input checked="" type="checkbox"/> |
| 3. Annual Funding Review | <input checked="" type="checkbox"/> |
| 4. 6/30/03 Status | <input checked="" type="checkbox"/> |
| 5. 12/31/03 Status | <input type="checkbox"/> |
| 6. 6/30/04 Status | <input type="checkbox"/> |

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1		July 1, 2002 to June 30, 2003				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Draft RI/FS	Field RI investigation and reports for C-9			Review and comment	2	2
	Technical Review Meeting			Attend meeting	4	2
Final RI/FS	Final RI/FS report site C-9			Site visit		
	Technical Review Meeting			Review and comment	2	2
RI	Remedial Investigation Work Plan UST site B2 (Draft, Draft final)			Attend meeting	4	3
	Remedial Investigation Report UST site B2 (Draft, Draft final)			Review and comment	1	3
				Attend meeting		
	Remedial Investigation Work Plan UST Site B10 (Draft, Draft final)			site visit		
	Remedial Investigation Report UST site B10 (Draft, Draft final)			Review and comment	1	3
				Attend meeting		

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
PRP report	Define PRPs for site C2A			Review and comment		
Sampling Report	Ground Water Monitoring Begins for site C-9			Review and comment		
	Ground Water Monitoring at UST Site B2 and B10 Work Plan and Report.			Review and comment		

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DTSC Project Manager	_____	Regional Board Lead	_____
E-mail	_____		
RWQCB Project Manager	_____	Patricia Hannon /s/	_____
E-mail	_____	phannon@rb8.swrcb	_____
DoD Project Manager	_____	TAWNY TRAN /s/	_____
E-mail	_____	TTRAN@SPL.USACE.ARMY.MIL	_____

Date:	_____
Phone #	_____
Date:	12/20/01
Phone #	909-782-4498
Date:	1/23/02
Phone #	213-452-3991

TWO-YEAR JOINT CA EXECUTION PLAN**Description**

Name of Installation Joint Forces Training Base (Formerly LAAFRC)

Funding Source ERA

Service Branch ARMY National Guard

DTSC Site# 400332

RB

8 RB PCA# 16982 Lead RB

Requirement

1. CA-E Submittal ☒
2. 12/31/02 Status ☒
3. Annual Funding Review ☒
4. 6/30/03 Status ☒
5. 12/31/03 Status ☐
6. 6/30/04 Status ☐

CA Period 1 JUL 02 - 30 JUN 04

YEAR 1	July 1, 2002 to June 30, 2003					
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Investigations/ Feasibility Studies	OU-3 Phase 1 Final Report	1		Review, Comment and Approve	1	1
	Phase 2 Field Work	2		Site Visit	2	2
	OU-3 Phase 2 Draft Report	1		Review, Comment and Approve	1	1
	OU-1 Phase 2 Tech Memo	2		Review, Comment and Approve	2	2
	OU-1 Phase 2B Field Work	2		Site Visit	2	2
	OU-1 Phase 2b Draft Report	2		Review, Comment and Approve	2	2
	OU-2 Phase 2 Tech Memo	2		Review, Comment and Approve	2	2
	OU-2 Phase 2B Field Work	2		Site Visit	2	2
	OU-2 Phase 2b Draft Report	1		Review, Comment and Approve	1	2
Petroleum Sites RI/FS RPT/CAP	Phase 1 Draft Report	1		Review, Comment and Approve	1	1
	Phase 1 Draft Final Report	1		Review, Comment and Approve	1	1
	Phase 1 Final Report	1		Review, Comment and Approve	1	1
	Phase 2 Field Work	1		Site Visit	1	1
	Phase 2 Draft Report	1		Review, Comment and Approve	1	1
Record of Decision /RAP	South Landfill Decision Document	2		Review, Comment and Approve, Sign Record of Decision	2	2
Remedial Design	Fuel Farm Office System Pilot Study	2		Review, Comment and Approve	2	2
	Fuel Farm Office System Construction	2		Site Visit	2	2
Remedial Action	Building 35 Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	JP4 Tank Farm Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	JP4 Containment Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	CFR Area Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	Landfill Area Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	Fuel Farm Office Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	Building 9/Hanger 1 Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	Building 158 Operation and Maintenance Quarterly Reports	1		Review, Comment, Site Visit	1	1
	Annual and Quarterly Groundwater Monitoring Reports	1		Review, Comment, Site Visit	1	1

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
 Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

UST Closure Report	Building 244 Closure Report	1	Review, Comment, Issue Closure Letter	1	1
	Building 27 Closure Report	1	Review, Comment, Issue Closure Letter	1	1
	Building 43 Closure Report	1	Review, Comment, Issue Closure Letter	1	1
	Building 25 Closure Report	1	Review, Comment, Issue Closure Letter	1	1
	Building 2 Closure Report	1	Review, Comment, Issue Closure Letter	1	1
	Building 37 Closure Report	1	Review, Comment, Issue Closure Letter	1	1
Program Management	11 RPM Meetings	1	Participate in Meetings at the Facility	1	1
	10 RPM Teleconferences	1	Participate in Meetings	1	1
Community Relations	4 RAB Meetings	1	Attend RAB Meetings and Participate as RAB members	1	1

YEAR 2		July 1, 2003 to June 30, 2004				
Milestones	Tasks	Jul Dec	Jan Jun	California DSMOA Services	Jul Dec	Jan Jun
Remedial Investigation/ Feasibility Study	OU-3 Phase 2 Draft Final Tech Memo			Review, Comment, Approve		
	OU-1 Phase 2B Draft Tech Memo			Review, Comment, Approve		
	OU-1 Phase 2B Draft Final Tech Memo			Review, Comment, Approve		
	OU-2 Phase 2b Draft Tech Memo			Review, Comment, Approve		
	OU-2 Phase 2b Draft Final Tech Memo			Review, Comment, Approve		
	OU-1, OU-2, OU-3 Feasibility Study			Review, Comment, Approve		
	OU-1, OU-2, OU-3 RI/FS Final Report			Review, Comment, Approve		
Petroleum Sites RI/FS RPT/CAP	Phase 1 Draft Final Tech Memo			Review, Comment, Approve		
	Phase 1 Final Tech Memo			Review, Comment, Approve		
Remedial Design	JP4 Containment Phyto Barrier Installation			Site Visit, Review, Comment		
	Landfill System Relocation			Site Visit, Review, Comment		
	Fuel Farm Office System Upgrade			Site Visit, Review, Comment		
Remedial Action	Building 35 Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	JP4 Tank Farm Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	JP4 Containment Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	CFR Area Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Landfill Area Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Fuel Farm Office Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Building 9/Hanger 1 Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Building 158 Operation and Maintenance Quarterly Reports			Review, Comment, Site Visit		
	Annual and Quarterly Groundwater Monitoring Reports			Review, Comment, Site Visit		
	11 RPM Meetings			Participate in Meetings at the Facility		
	10 RPM Teleconferences			Participate in Meetings		

Status is For State Use Only. Insert appropriate Status Number to correspond with both Tasks and California DSMOA Services.
Status Legend: [1] In-Progress/Ongoing; [2] Completed; [3] Delayed; [4] Tasks will not be performed.

Community Relations	4 RAB Meetings			Attend RAB Meetings and Participate as RAB members		
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DTSC Project Manager		Date:	
E-mail		Phone #	
RWQCB Project Manager	/s/ John Broderick	Date:	11/26/01
E-mail	jbroderic@rb8.swrcb.gov	Phone #	(909) 782-4494
DoD Project Manager	/s/ Guy Romine	Date:	11/15/01
E-mail	Guy.Romine@azdema.state.az	Phone #	(562) 795-2821

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

SUCCESS STORIES

JANUARY 1 – JUNE 30, 2003

(Extracted from Semiannual Performance Reports)

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

TRAVIS AIR FORCE BASE, (AIR FORCE/DERA) – PCA NO. 16619

The Final ROD was signed in January 2003. Seventeen USTs were closed throughout the base.

HAMILTON ARMY AIRFIELD, (ARMY/BRAC I&II) – PCA NO. 16635

Agreements have been reached to support the Army's desire for Early Transfer of the Main Airfield Parcel and to support the Hamilton Wetlands Restoration Project's interest in moving forward on the wetlands development.

CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD

FORMER FT. ORD ARMY BASE/PRESIDIO OF MONTEREY ANNEX, (ARMY BRAC I/II) - PCA NO. 16622

The Track 0 Finding of Suitability to Transfer will pass title for 1,234 acres of former Army land containing 1,184 buildings and structures. This is the former Fort Ord's most complicated land transfer to-date.

VANDENBERG AFB (AIR FORCE/DERA) - PCA NO. 16626

The latest Performance Monitoring Report for the Site 20 Source Reduction System shows the system has removed an estimated 8,434 pounds of hydrocarbons in the vapor phase and 70 pounds of hydrocarbons from the groundwater phase since becoming operational in August 1998. Based on incoming and outgoing groundwater data at the Site 60 Permeable Reactive Barrier System, MTBE concentrations in groundwater have been generally reduced more than 90 percent (i.e., maximum average incoming MTBE concentration of 94 ppb and maximum average outgoing concentration of 5 ppb). In addition, two underground storage tank sites and eight areas of concern have been closed.

CAMP ROBERTS, (ARMY/DERA) - PCA NO. 16931

The Army National Guard has been successful in obtaining the additional funding to complete the removal action for the lead-contaminated waste in a tributary to the Nacimiento River. The area of waste is much larger than originally estimated and disposal costs were extremely high.

MONTEREY PENINSULA AIRPORT DISTRICT, (FUDS/DERA) - PCA NO. 16939

Operational testing of a TCE groundwater cleanup system began at the Casanova Oak Knoll's Neighborhood Park in May. The Airport District and the Federal Government, co-defendants in

a private party civil lawsuit, recently announced an out-of-Court settlement. Continuation of the lawsuit could have caused significant site cleanup delays.

LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD

DFSP NORWALK, (DESC/DERA) – PCA NO. 16638

The Vapor Extraction System (VES) and the free-product recovery/groundwater treatment (FPR/GWT) system have removed a total of 140,031 gallons of hydrocarbons since the start of the operations. An estimated 113,629 gallons of hydrocarbons have been destroyed due to enhanced biodegradation resulting in a total estimated 253,660 gallons of hydrocarbons recovered or destroyed to-date at the subject site.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

SHARPE DDRW, (DLA/DERA) – PCA NO. 16641

The Draft Five- Year Review Report was issued in March 2003. This is the initial Five- Year Review for the Depot. DDJC-Sharpe received concurrence from the regulatory team that construction of the remedy is complete, although optimization is still needed to improve plume containment.

MATHER AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16647

The Passive Diffusion Bag groundwater sampling technology was evaluated and a strategy was approved for using this sampling method, in conjunction with standard micropurge sampling method, to monitor for VOCs in selected and newly-installed wells. As a result, a significant cost savings in the groundwater monitoring program was realized.

MCCLELLAN AIR FORCE BASE, (AIR FORCE/BRAC IV) - PCA NO. 16648

Completion of Final No Action Record of Decision for Soil at six sites.

CASTLE AIR FORCE BASE, (AIR FORCE/BRAC I&II) – PCA NO. 16649

The Source Control Operable Unit (SCOU) Record of Decision -Part 2 has been finalized. The Final Comprehensive Base-wide Remedial Investigation/Feasibility-Part 2 has been finalized.

TRACY DDRW, (DLA/DERA) – PCA NO. 16651

Modifications to the overland flow disposal system and the injection galleries have provided more disposal capacity. The increased disposal capacity and the repair of the communication problems between the extraction network and the control system in late 2002 allowed DDJC-Tracy to pump-and-treat more groundwater in this reporting period than in previous ones.

LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

SIERRA ARMY DEPOT, (ARMY/DERA) - PCA NO. 16655

The pilot study zero-valent iron PRB, installed at a depth of 90-110 feet by a new vendor (GeoSierra), appears to be a valid long-term cleanup strategy. Initial monitoring shows substantial reduction of TCE concentrations.

The Building 210 area groundwater pump-and-treat system plume extracted an average of 110,000 gallons daily from the TCE plume.

EDWARDS AIR FORCE BASE, (AIR FORCE/DERA) - PCA NO. 16660

Remedial investigations and actions have been completed for OU-3, the Homestead Wells Investigation Area. Other treatment pilot projects involve treating solvent contaminated groundwater with sulfate and Fenton's Reagent.

GEORGE AIR FORCE BASE (AIR FORCE/BRAC I&II) - PCA NO. 16661

Technology successes include: 1) free-product JP-4 jet fuel skimming, 2) clean closure of Site LF-35 to facilitate a new airport hanger (awaiting ROD amendment), 3) conversion of the Site OT-51 treatment system to a catalytic oxidation system, and 4) conversion of the SVE systems at Sites ST-54 and ST-57 from propane to natural gas.

AIR FORCE PLANT #42, (AIR FORCE/DERA) - PCA NO. 16662

Several significant documents were presented to the Regulators, specifically the Draft Final Remedial Investigation (RI) for Operable Units 1, 2, 3, 4, and 5. The Draft RI included comments from regulatory agencies, as well as concerned citizens and staff of the Restoration Advisory Board.

SIERRA ARMY DEPOT- HONEY LAKE PARCEL, (BRAC IV) - PCA CODE NO. 16963

The East shore parcel and the most-eastern portion of the Honey Lakebed was mapped and cleared for Non-Ordinance/Explosives.